

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066413.D
 Acq On : 26 Aug 2020 11:53
 Operator : VA/SY
 Sample : VD0826SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Quant Time: Aug 27 07:27:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	186547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	259627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	241077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	126935	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	108484	59.32	ug/l	0.00
Spiked Amount			Recovery	=	118.64%	
35) Dibromofluoromethane	7.91	113	91249	56.21	ug/l	0.00
Spiked Amount			Recovery	=	112.42%	
50) Toluene-d8	10.34	98	339407	57.14	ug/l	0.00
Spiked Amount			Recovery	=	114.28%	
62) 4-Bromofluorobenzene	12.63	95	122131	57.94	ug/l	0.00
Spiked Amount			Recovery	=	115.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	34461	21.729	ug/l	97
3) Chloromethane	2.21	50	20722	18.433	ug/l	90
4) Vinyl Chloride	2.35	62	24508	20.305	ug/l	94
5) Bromomethane	2.76	94	20703	22.932	ug/l	99
6) Chloroethane	2.92	64	14821	19.177	ug/l	93
7) Trichlorofluoromethane	3.27	101	72374	22.051	ug/l	93
8) Diethyl Ether	3.70	74	14161	19.257	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.09	101	31839	19.657	ug/l	91
10) Methyl Iodide	4.30	142	25792	13.961	ug/l	96
11) Tert butyl alcohol	5.19	59	9289	54.222	ug/l #	71
12) 1,1-Dichloroethene	4.06	96	28953	19.043	ug/l	98
13) Acrolein	3.92	56	6200	76.341	ug/l	93
14) Allyl chloride	4.70	41	35679	17.581	ug/l	88
15) Acrylonitrile	5.42	53	29201	98.970	ug/l	97
16) Acetone	4.16	43	30452	92.357	ug/l	96
17) Carbon Disulfide	4.41	76	82183	17.836	ug/l	97
18) Methyl Acetate	4.73	43	10731	17.341	ug/l #	88
19) Methyl tert-butyl Ether	5.47	73	74282	20.290	ug/l	100
20) Methylene Chloride	4.96	84	37978	17.430	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	32899	18.589	ug/l	95
22) Diisopropyl ether	6.37	45	75662	19.257	ug/l	93
23) Vinyl Acetate	6.30	43	230285	94.675	ug/l	94
24) 1,1-Dichloroethane	6.26	63	53209	19.163	ug/l	96
25) 2-Butanone	7.20	43	35357	94.458	ug/l	92
26) 2,2-Dichloropropane	7.20	77	63533	21.349	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	37183	19.607	ug/l	100
28) Bromochloromethane	7.54	49	17322	18.111	ug/l #	93
29) Tetrahydrofuran	7.56	42	19172	90.176	ug/l	94
30) Chloroform	7.70	83	62947	19.594	ug/l	97
31) Cyclohexane	7.98	56	46401	18.272	ug/l #	92
32) 1,1,1-Trichloroethane	7.90	97	69853	21.245	ug/l	99
36) 1,1-Dichloropropene	8.10	75	47198	19.924	ug/l	97
37) Ethyl Acetate	7.29	43	15811	19.624	ug/l #	93
38) Carbon Tetrachloride	8.09	117	70189	22.742	ug/l	98

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Quant Time: Aug 27 07:27:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	55202	19.782	ug/l	92
40) Benzene	8.34	78	122796	19.704	ug/l	95
41) Methacrylonitrile	7.51	41	10133	20.394	ug/l #	97
42) 1,2-Dichloroethane	8.42	62	49431	22.521	ug/l	100
43) Isopropyl Acetate	8.44	43	31510	19.485	ug/l	98
44) Trichloroethene	9.11	130	41408	20.449	ug/l	99
45) 1,2-Dichloropropane	9.38	63	28103	19.892	ug/l #	86
46) Dibromomethane	9.47	93	19221	21.851	ug/l	93
47) Bromodichloromethane	9.66	83	52662	21.770	ug/l	98
48) Methyl methacrylate	9.45	41	15899	19.065	ug/l	97
49) 1,4-Dioxane	9.46	88	4053	396.806	ug/l #	94
51) 4-Methyl-2-Pentanone	10.23	43	74807	95.621	ug/l	98
52) Toluene	10.40	92	87060	20.620	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	46615	20.308	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	52437	20.352	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	22876	19.210	ug/l #	91
56) Ethyl methacrylate	10.66	69	28021	20.327	ug/l	97
57) 1,3-Dichloropropane	10.94	76	40180	20.398	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	63544	110.985	ug/l	94
59) 2-Hexanone	10.98	43	54949	99.577	ug/l	99
60) Dibromochloromethane	11.14	129	37007	20.617	ug/l	100
61) 1,2-Dibromoethane	11.24	107	23119	19.728	ug/l	99
64) Tetrachloroethene	10.87	164	38150	20.861	ug/l	92
65) Chlorobenzene	11.67	112	98969	20.635	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	40484	20.654	ug/l	98
67) Ethyl Benzene	11.74	91	173868	20.594	ug/l	96
68) m/p-Xylenes	11.86	106	133233	41.403	ug/l	97
69) o-Xylene	12.18	106	62189	20.774	ug/l	96
70) Styrene	12.20	104	106509	20.721	ug/l	97
71) Bromoform	12.36	173	24426	21.965	ug/l #	98
73) Isopropylbenzene	12.48	105	177281	20.848	ug/l	99
74) N-amyl acetate	12.29	43	29984	19.523	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	24200	19.922	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	36334	40.688	ug/l #	1
77) Bromobenzene	12.76	156	44675	20.700	ug/l	97
78) n-propylbenzene	12.82	91	199277	20.439	ug/l	98
79) 2-Chlorotoluene	12.91	91	111799	20.077	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	155120	21.128	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	8856	21.051	ug/l	90
82) 4-Chlorotoluene	13.00	91	119509	20.257	ug/l	98
83) tert-Butylbenzene	13.23	119	129885	20.368	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	150627	20.888	ug/l	99
85) sec-Butylbenzene	13.40	105	170982	20.464	ug/l	99
86) p-Isopropyltoluene	13.52	119	170190	21.125	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	84820	21.054	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	81953	20.260	ug/l	96
89) n-Butylbenzene	13.84	91	143153	20.136	ug/l	100
90) Hexachloroethane	14.11	117	31350	19.699	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	72392	20.873	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5672	22.263	ug/l	86

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Misc : 5.00G/5.00ml/MSVOA D/SOIL
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Instrument :
MSVOA_D
ClientSampleId :
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Quant Time: Aug 27 07:27:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

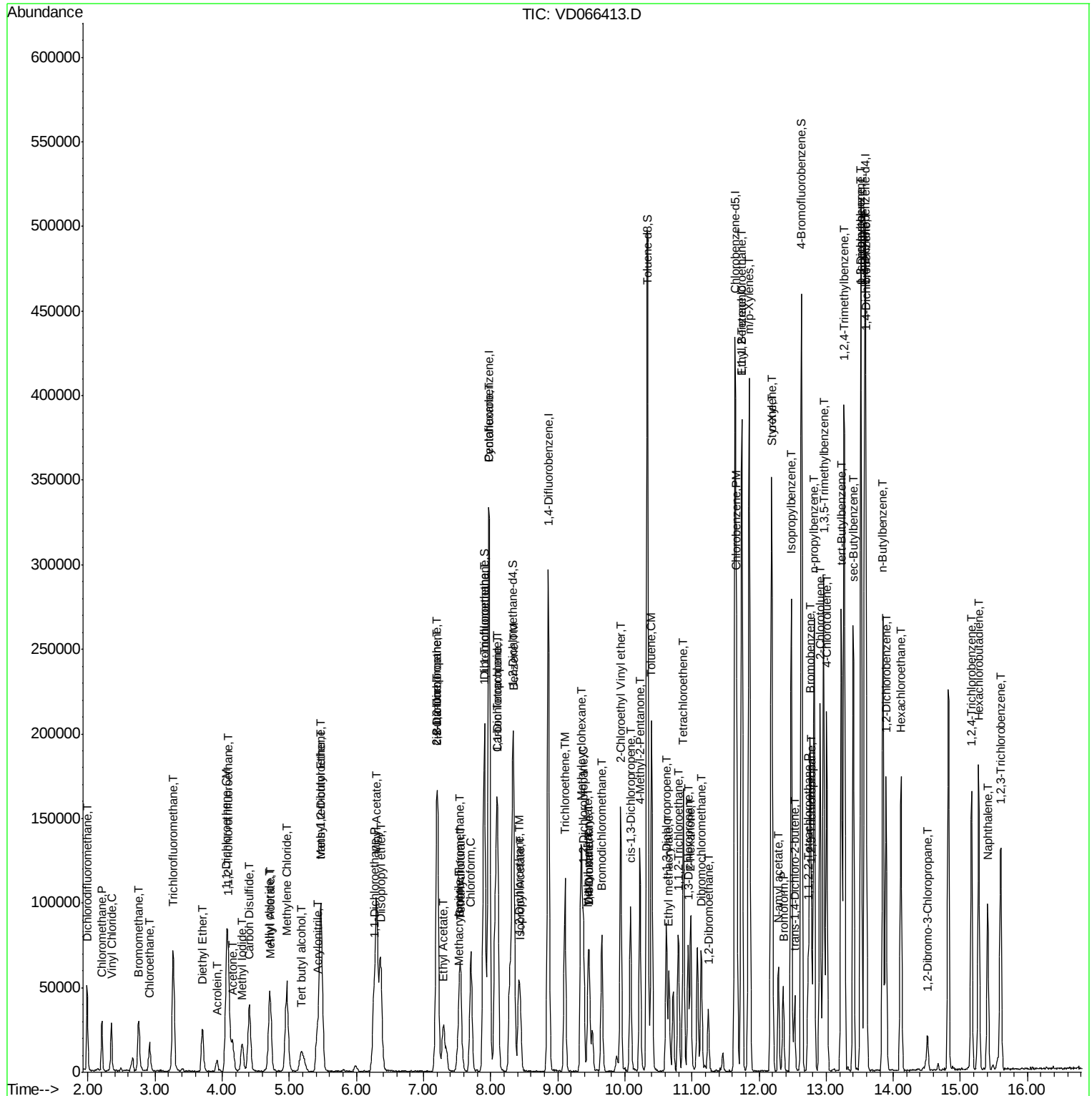
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	55723	20.580	ug/l	98
94) Hexachlorobutadiene	15.27	225	34534	20.524	ug/l	96
95) Naphthalene	15.41	128	88491	20.809	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	47772	20.597	ug/l	98

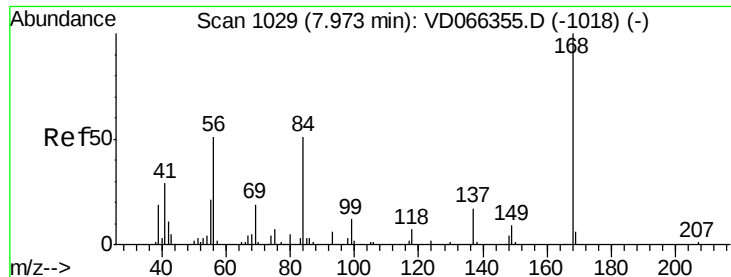
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082620\
Data File : VD066413.D
Acq On : 26 Aug 2020 11:53
Operator : VA/SY
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Quant Time: Aug 27 07:27:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

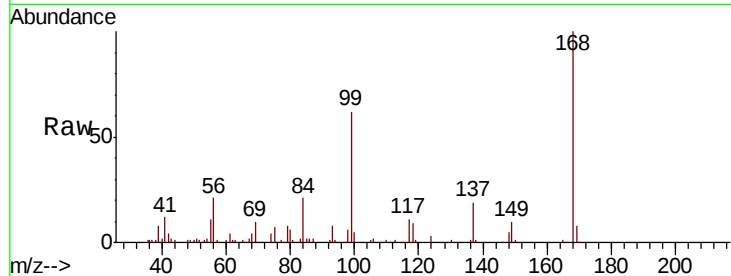
VD0826SBS01

Tot Ion:168 Resp: 186547

Ion Ratio Lower Upper

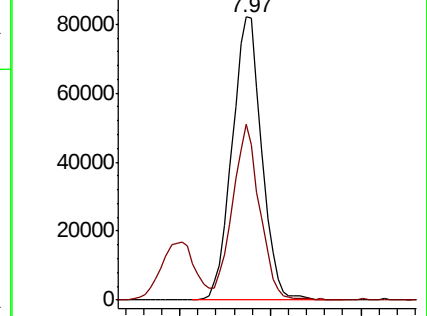
168 100

99 62.2 45.4 68.0

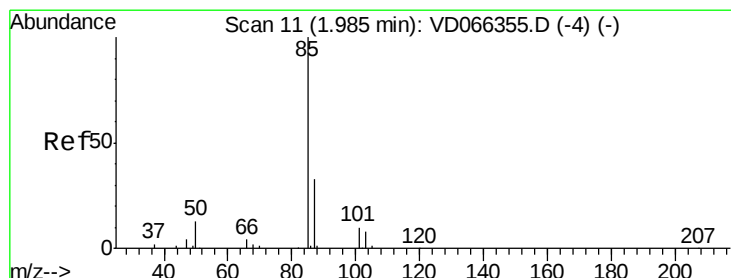
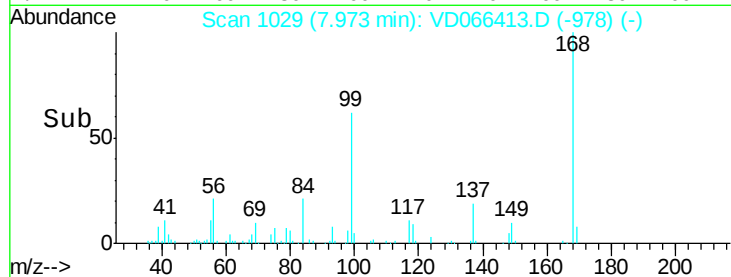


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



Time-->



#2

Dichlorodifluoromethane

Concen: 21.729 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066413.D

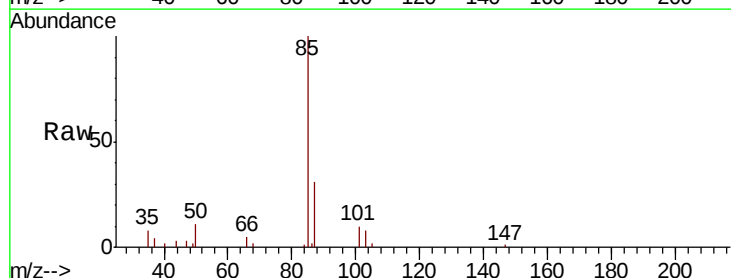
Acq: 26 Aug 2020 11:53

Tgt Ion: 85 Resp: 34461

Ion Ratio Lower Upper

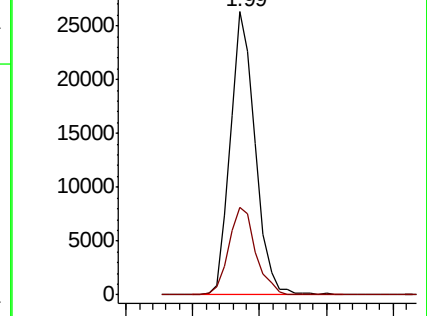
85 100

87 31.1 16.4 49.4

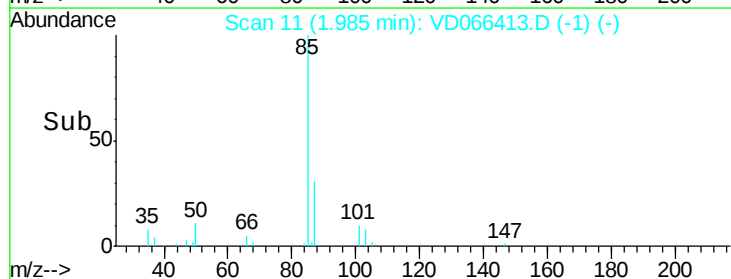


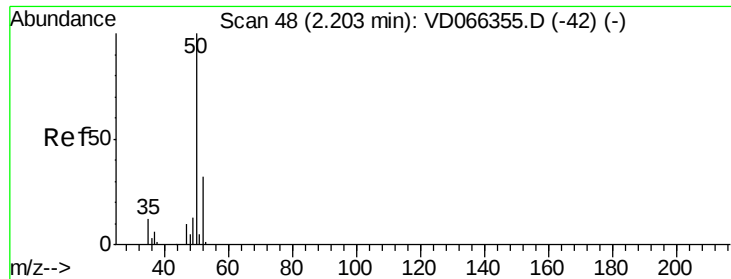
Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC



Time-->





#3

Chloromethane

Concen: 18.433 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

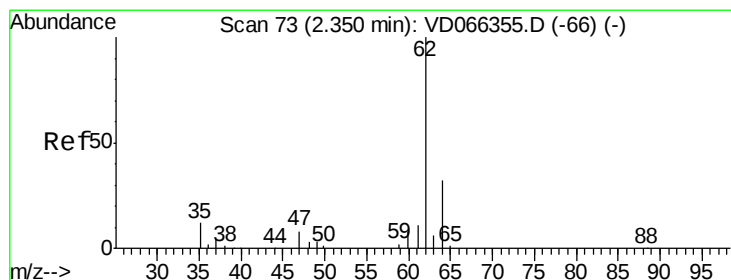
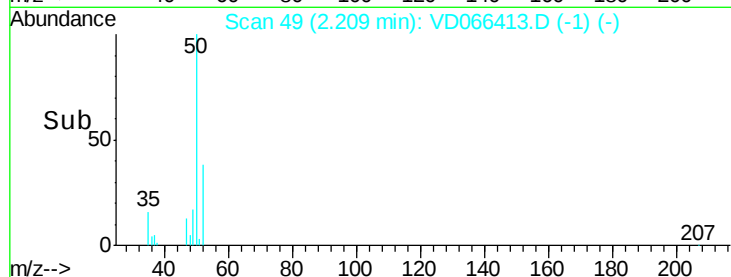
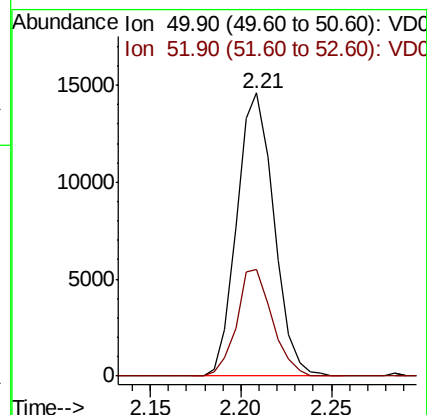
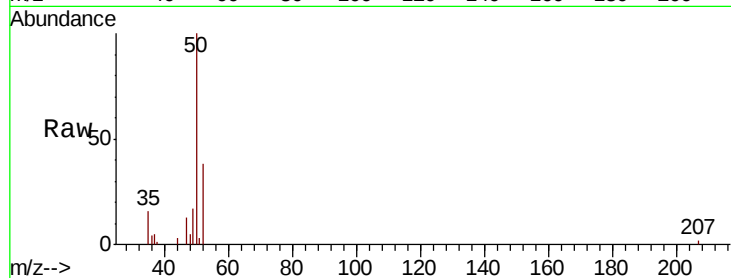
VD0826SBS01

Tot Ion: 50 Resp: 20722

Ion Ratio Lower Upper

50 100

52 37.7 25.7 38.5



#4

Vinyl Chloride

Concen: 20.305 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066413.D

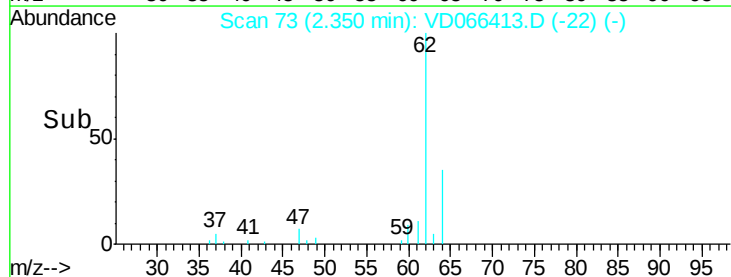
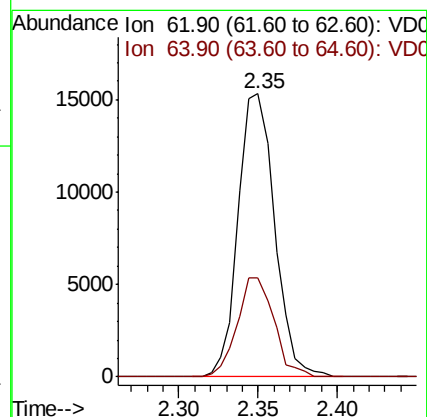
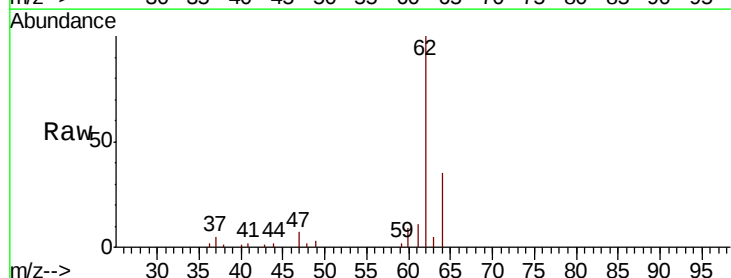
Acq: 26 Aug 2020 11:53

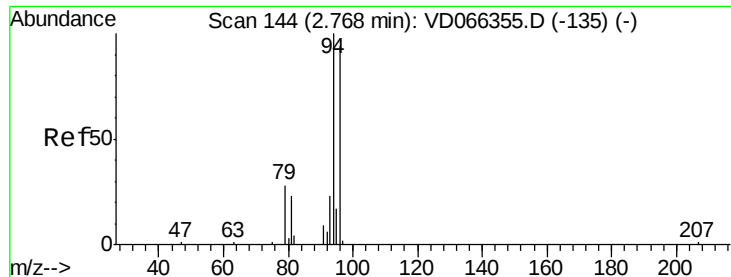
Tgt Ion: 62 Resp: 24508

Ion Ratio Lower Upper

62 100

64 35.0 25.4 38.2





#5

Bromomethane

Concen: 22.932 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

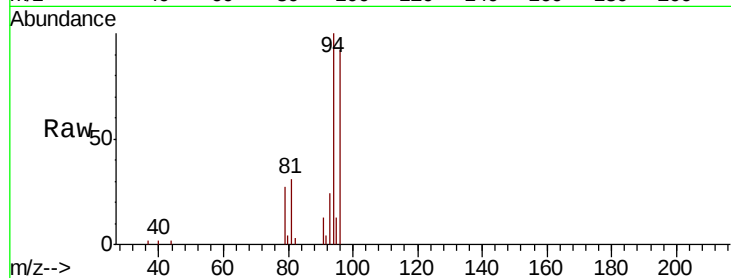
VD0826SBS01

Tot Ion: 94 Resp: 20703

Ion Ratio Lower Upper

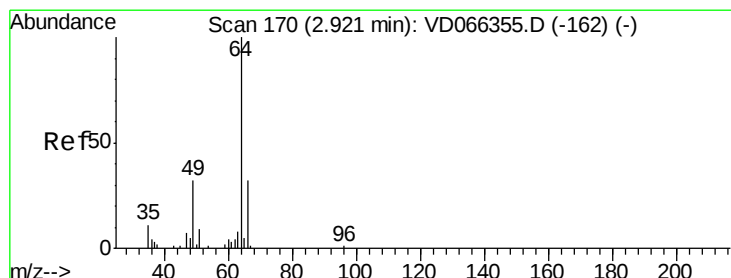
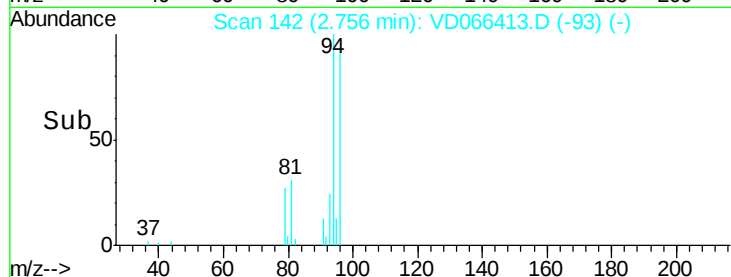
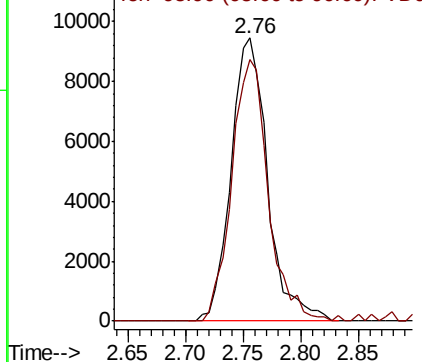
94 100

96 92.4 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.177 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066413.D

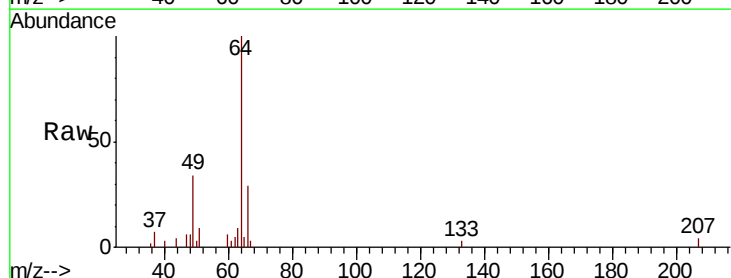
Acq: 26 Aug 2020 11:53

Tgt Ion: 64 Resp: 14821

Ion Ratio Lower Upper

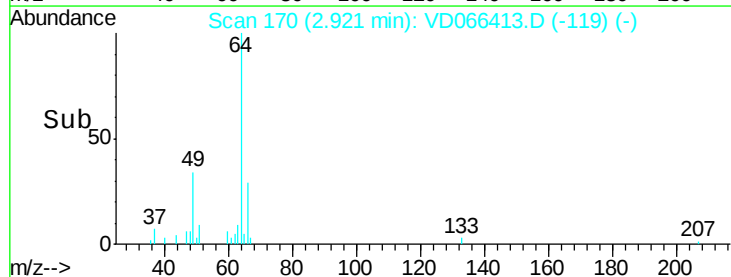
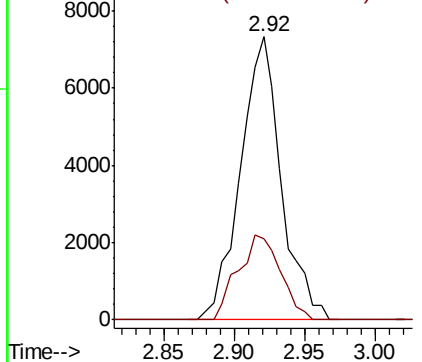
64 100

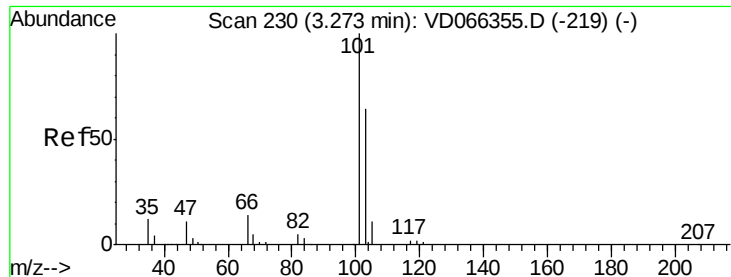
66 28.5 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



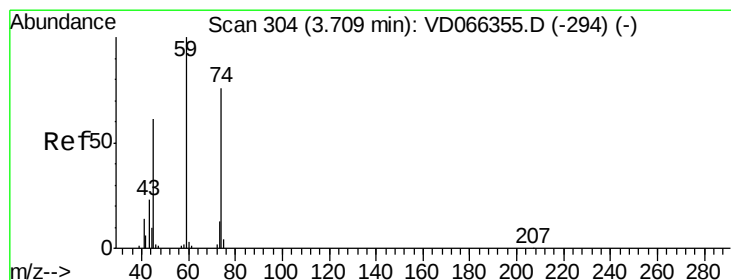
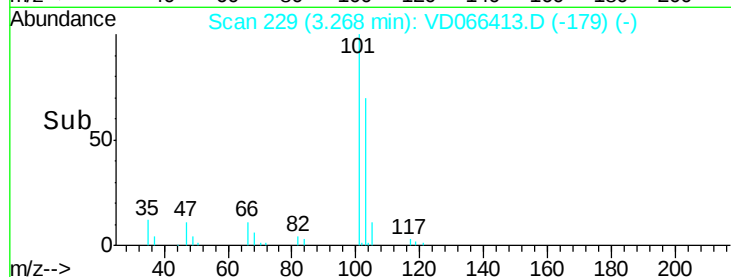
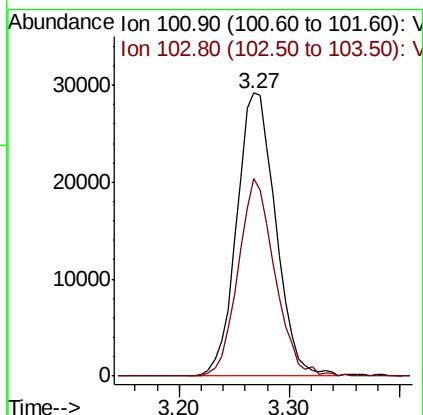
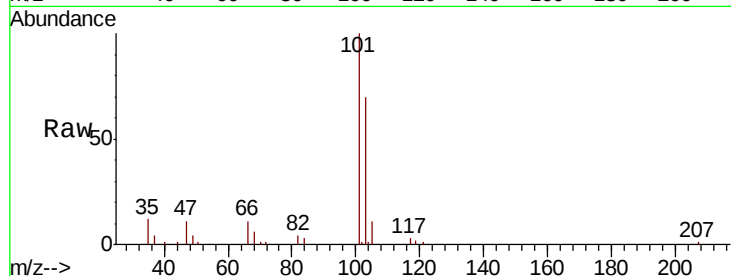


#7

Trichlorofluoromethane
 Concen: 22.051 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

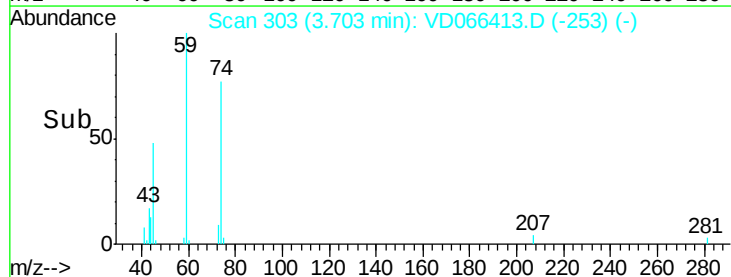
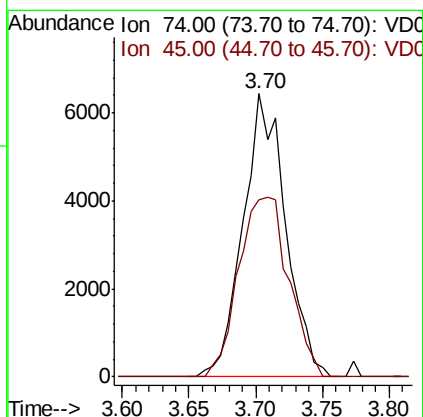
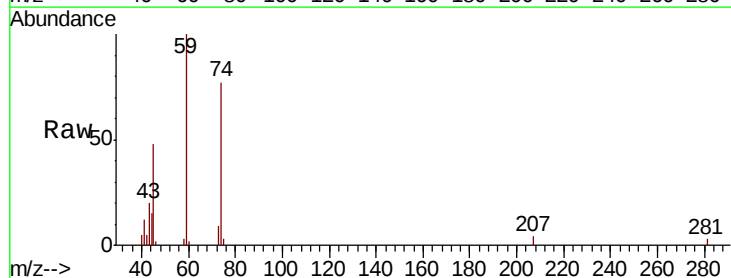
Tot Ion:101 Resp: 72374
 Ion Ratio Lower Upper
 101 100
 103 69.9 51.4 77.0

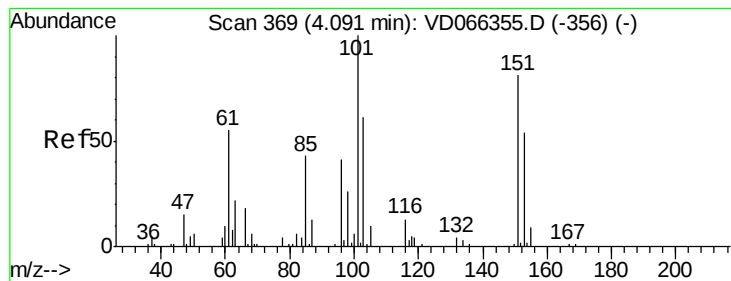


#8

Diethyl Ether
 Concen: 19.257 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

Tgt Ion: 74 Resp: 14161
 Ion Ratio Lower Upper
 74 100
 45 75.1 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.657 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

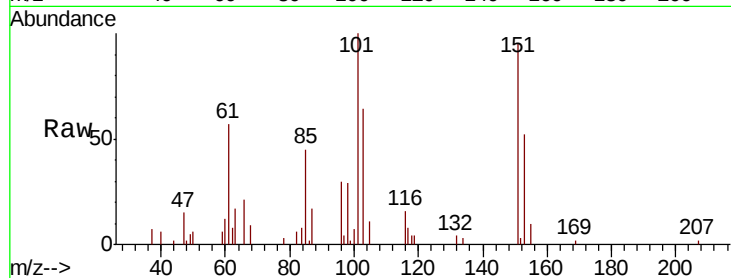
Tot Ion:101 Resp: 31839

Ion Ratio Lower Upper

101 100

85 51.8 36.4 54.6

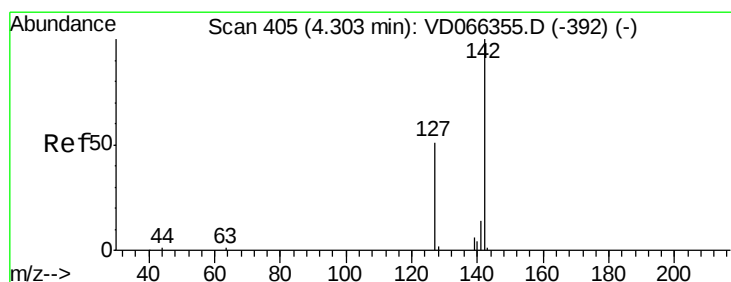
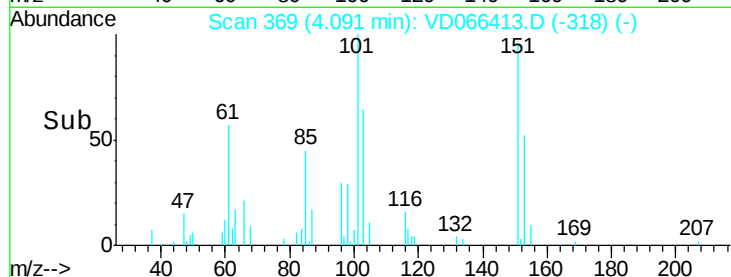
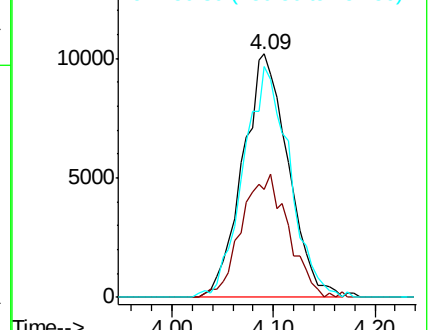
151 96.4 70.5 105.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.961 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

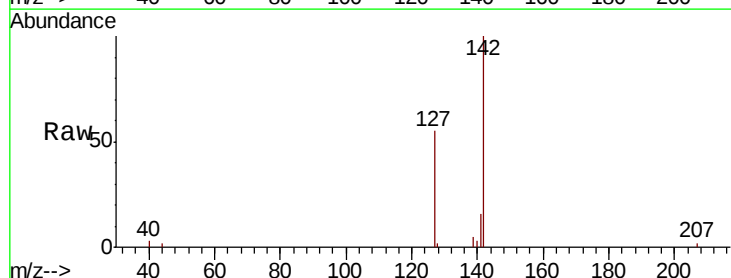
Tgt Ion:142 Resp: 25792

Ion Ratio Lower Upper

142 100

127 56.0 41.8 62.8

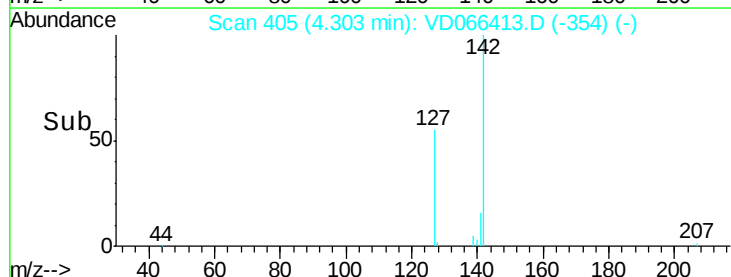
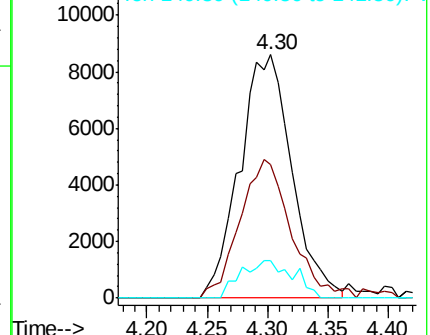
141 15.3 11.8 17.6

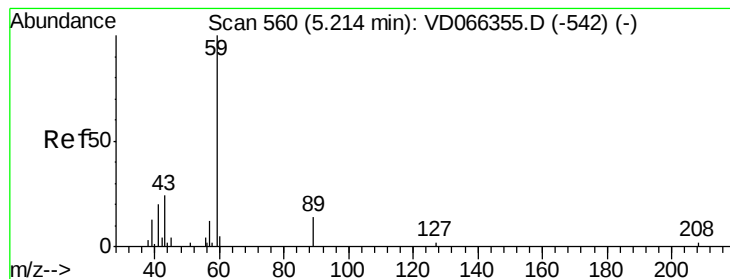


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 54.222 ug/l

RT: 5.19 min Scan# 555

Delta R.T. -0.03 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

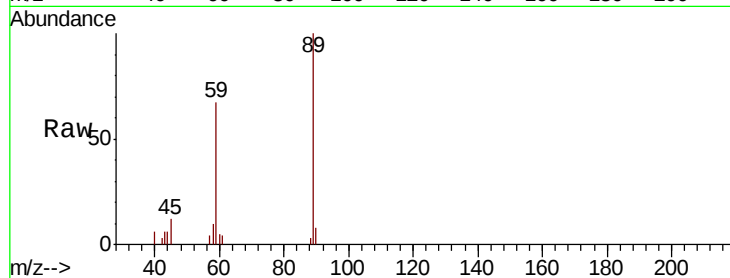
VD0826SBS01

Tot Ion: 59 Resp: 9289

Ion Ratio Lower Upper

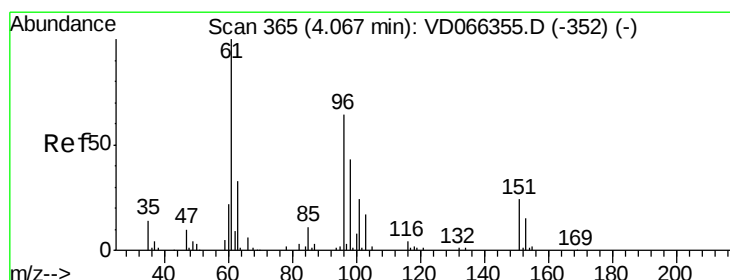
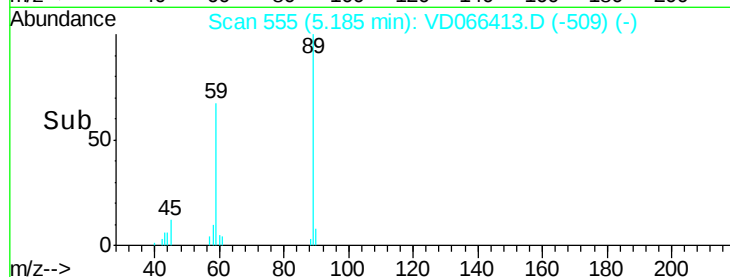
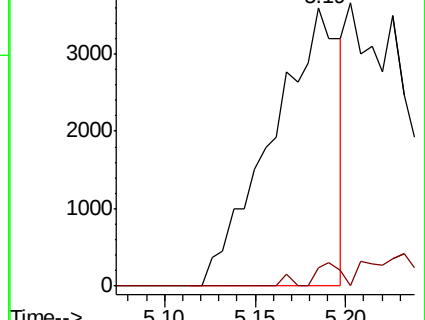
59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 19.043 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

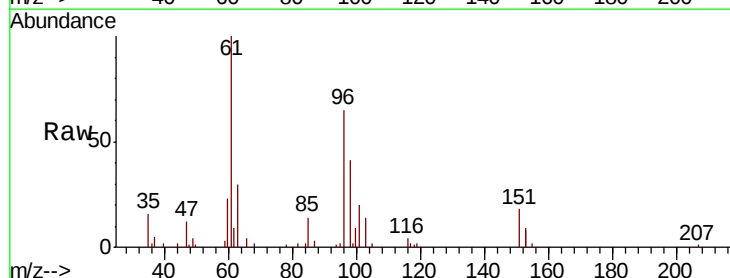
Tgt Ion: 96 Resp: 28953

Ion Ratio Lower Upper

96 100

61 154.1 124.3 186.5

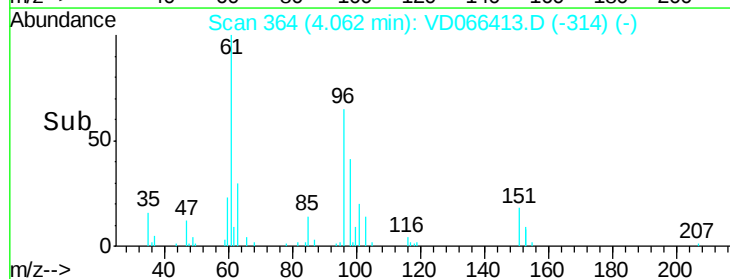
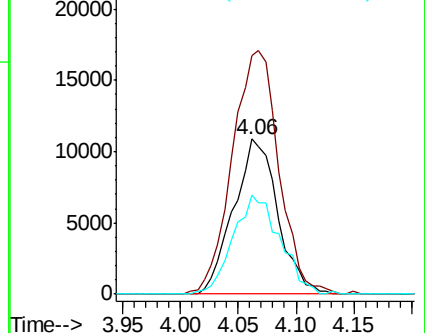
98 63.7 53.2 79.8

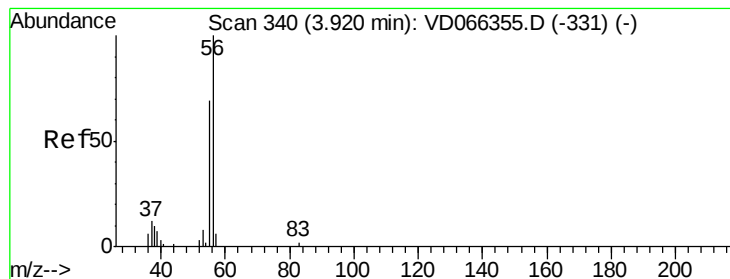


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 76.341 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

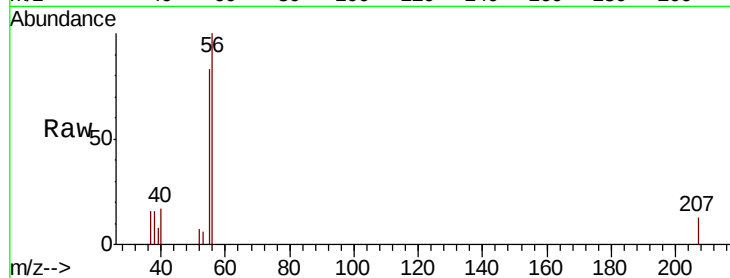
VD0826SBS01

Tot Ion: 56 Resp: 6200

Ion Ratio Lower Upper

56 100

55 74.9 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3000

2500

2000

1500

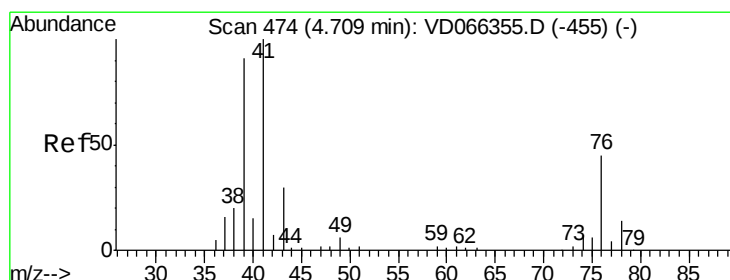
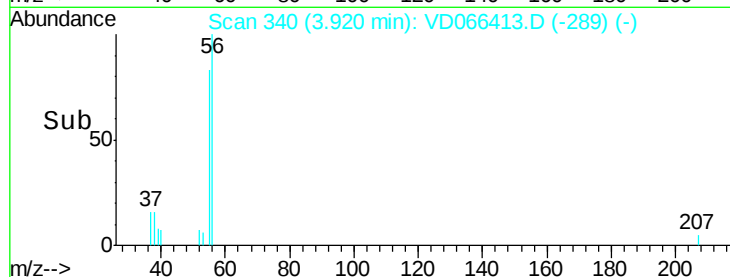
1000

500

0

3.85 3.90 3.95 4.00

Time-->



#14

Allyl chloride

Concen: 17.581 ug/l

RT: 4.70 min Scan# 473

Delta R.T. -0.01 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

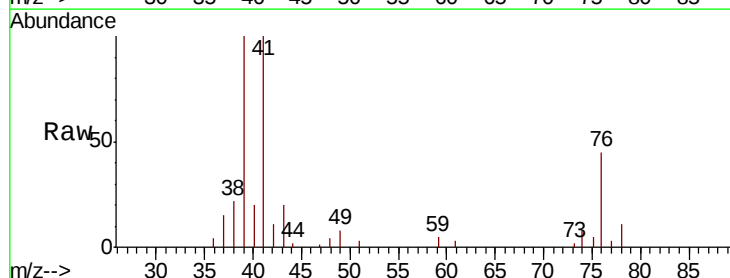
Tgt Ion: 41 Resp: 35679

Ion Ratio Lower Upper

41 100

39 103.7 72.8 109.2

76 47.4 34.0 51.0



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

15000

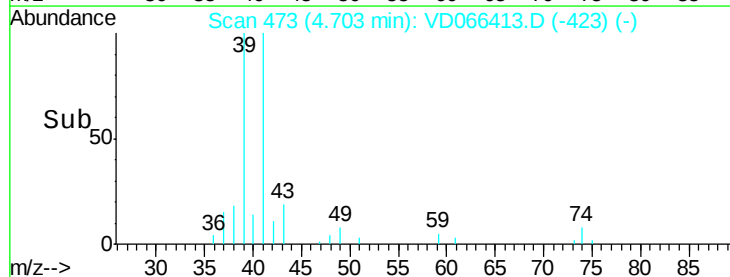
10000

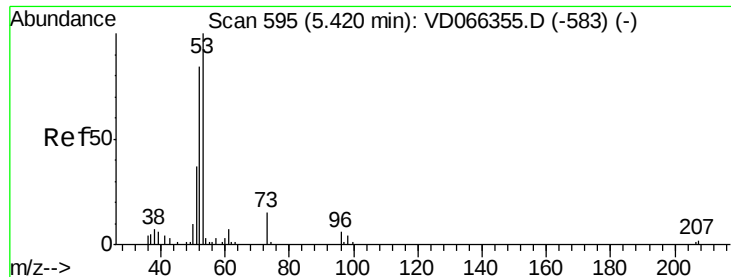
5000

0

4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 98.970 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

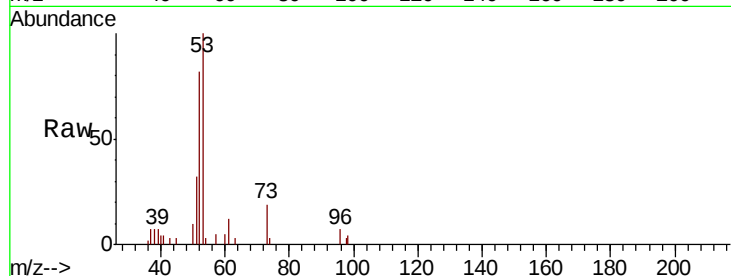
Tot Ion: 53 Resp: 29201

Ion Ratio Lower Upper

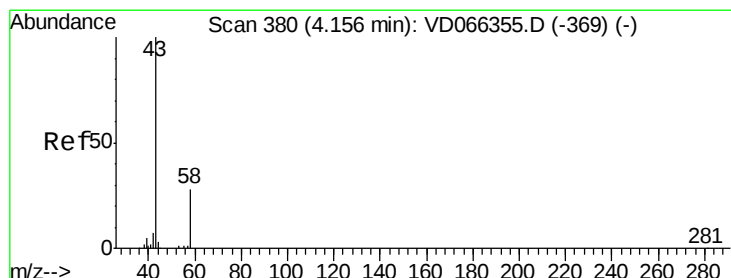
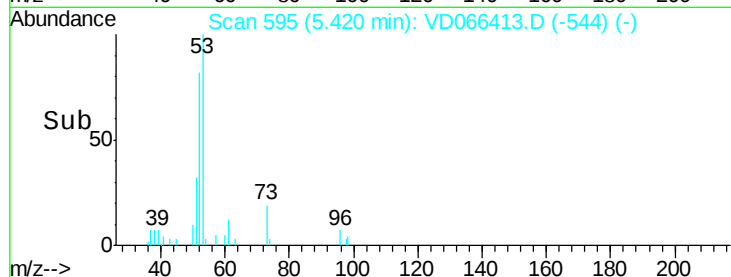
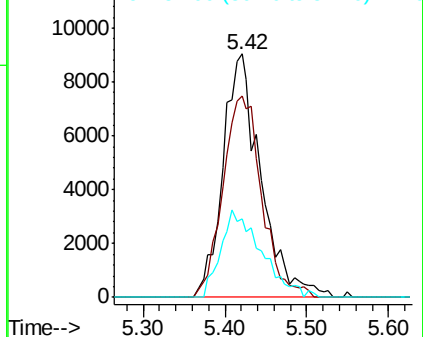
53 100

52 84.3 68.1 102.1

51 38.2 33.8 50.6



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 92.357 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066413.D

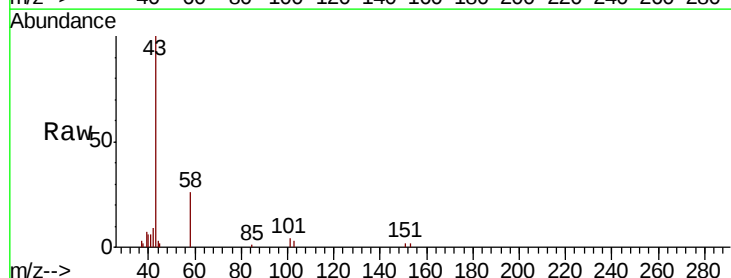
Acq: 26 Aug 2020 11:53

Tgt Ion: 43 Resp: 30452

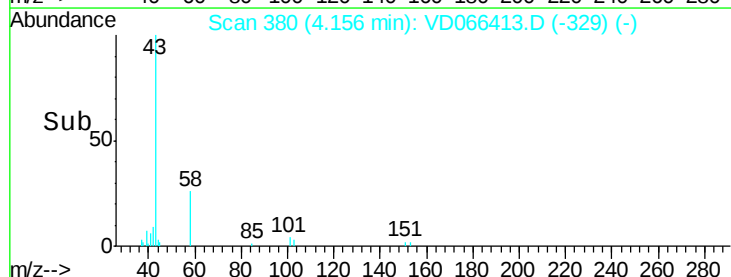
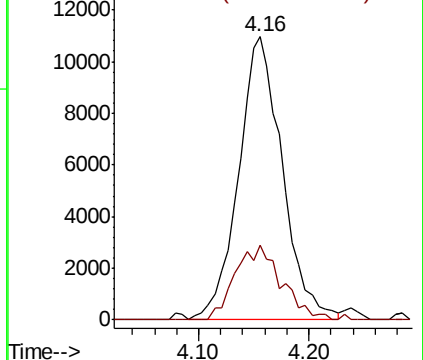
Ion Ratio Lower Upper

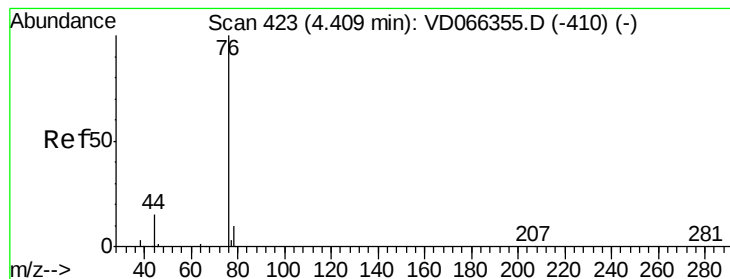
43 100

58 26.2 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 17.836 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

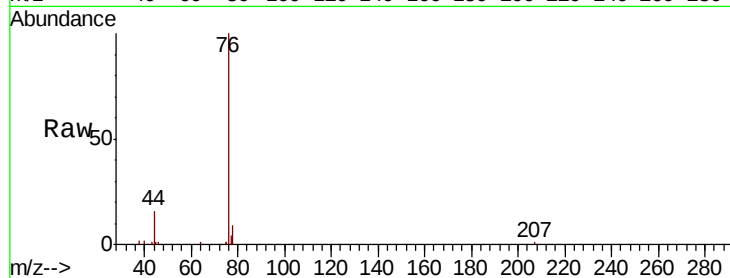
VD0826SBS01

Tot Ion: 76 Resp: 82183

Ion Ratio Lower Upper

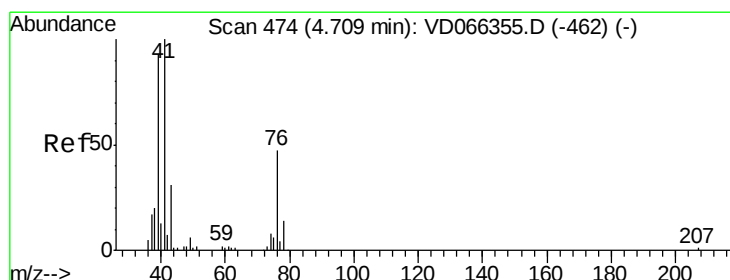
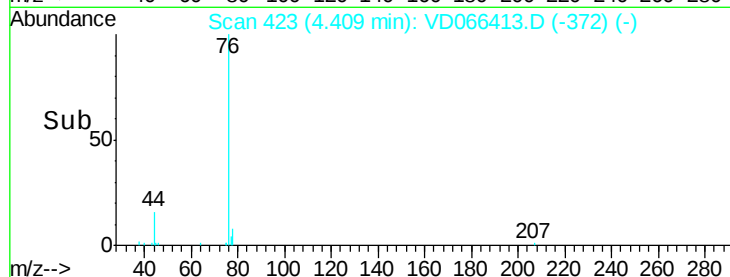
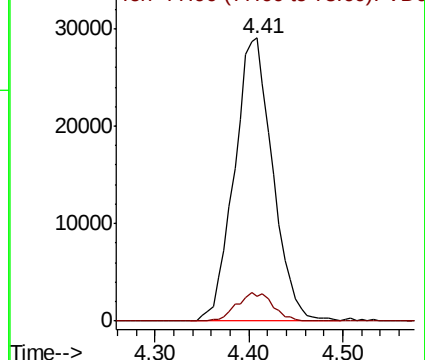
76 100

78 8.7 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 17.341 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.02 min

Lab File: VD066413.D

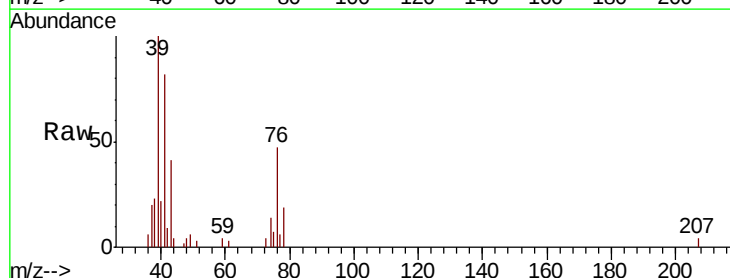
Acq: 26 Aug 2020 11:53

Tgt Ion: 43 Resp: 10731

Ion Ratio Lower Upper

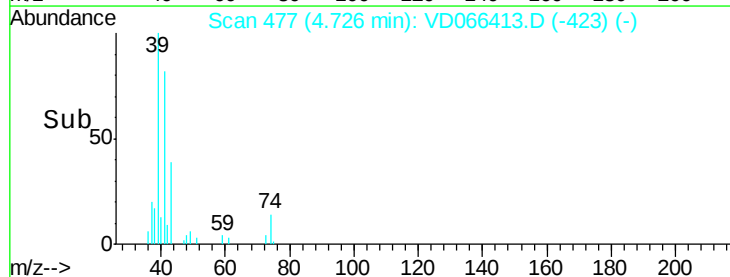
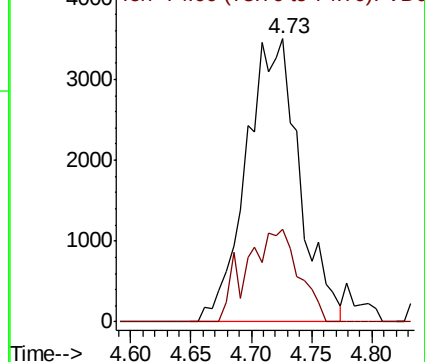
43 100

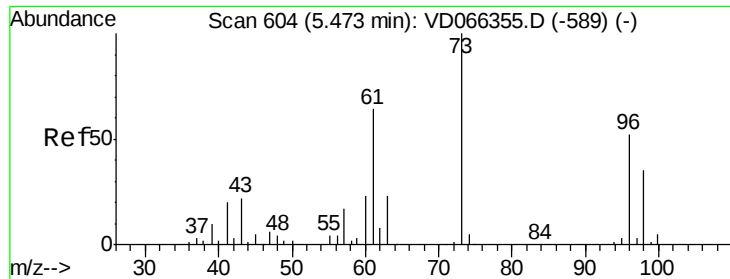
74 32.3 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

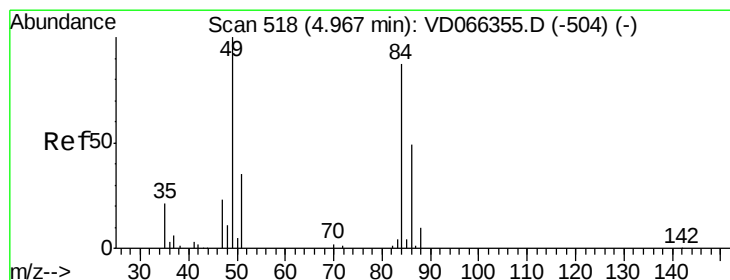
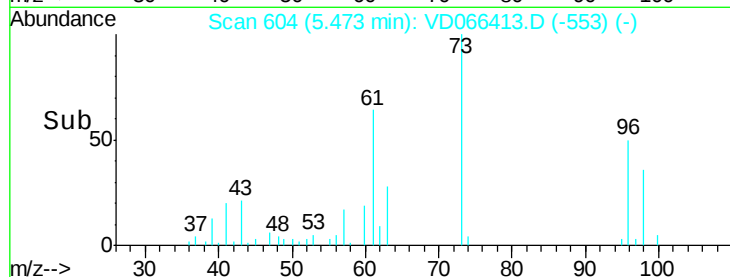
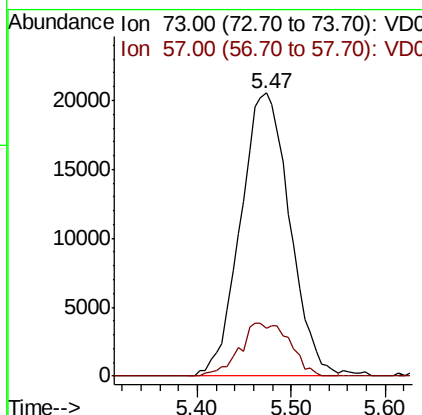
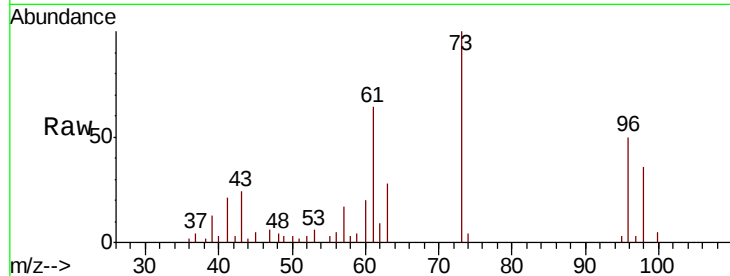




#19
Methvl tert-butvl Ether
Concen: 20.290 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

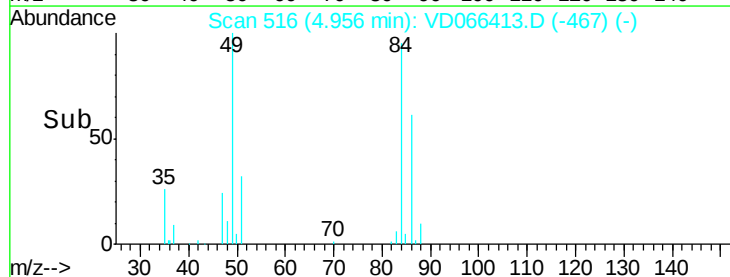
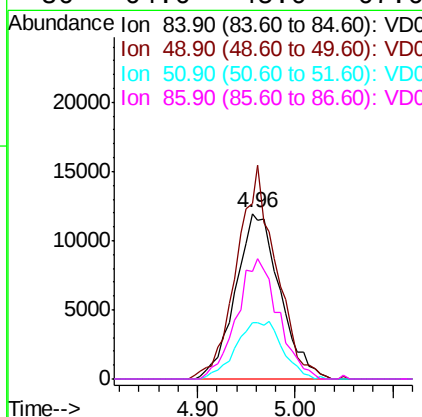
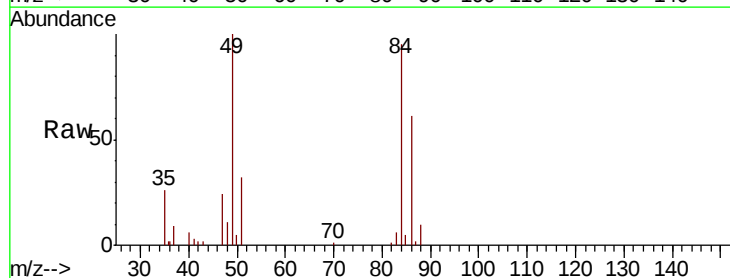
Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

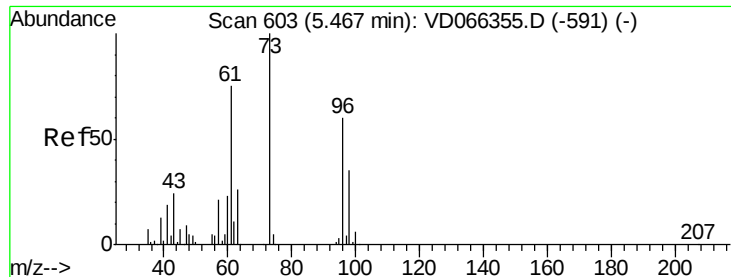
Tot Ion: 73 Resp: 74282
Ion Ratio Lower Upper
73 100
57 17.1 13.8 20.6



#20
Methylene Chloride
Concen: 17.430 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

Tgt Ion: 84 Resp: 37978
Ion Ratio Lower Upper
84 100
49 105.7 92.5 138.7
51 34.0 32.5 48.7
86 64.6 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 18.589 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

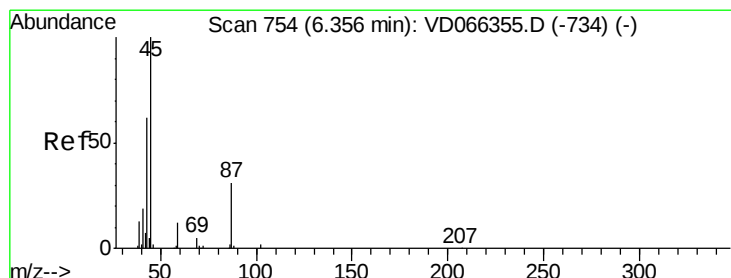
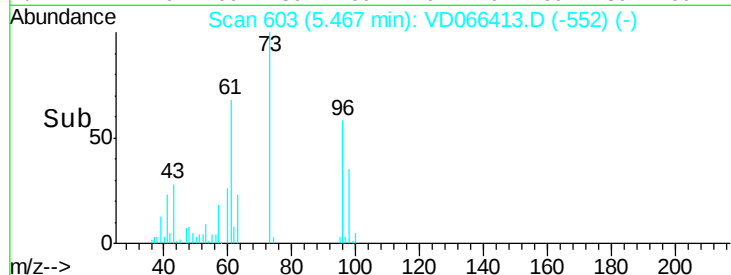
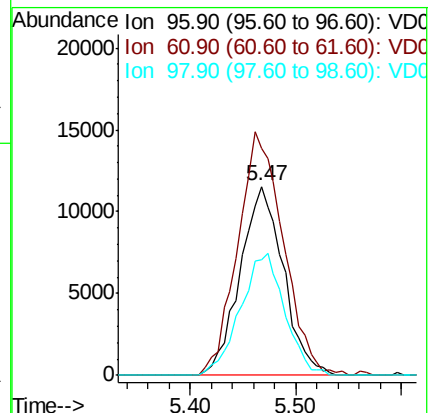
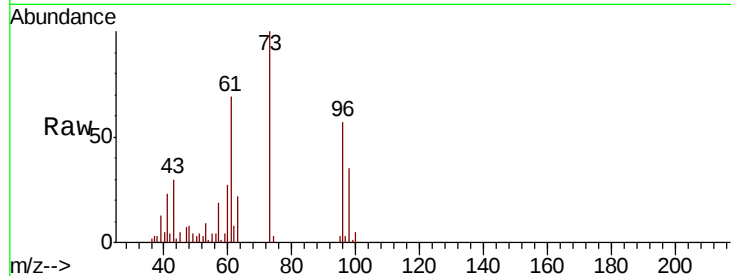
Tot Ion: 96 Resp: 32899

Ion Ratio Lower Upper

96 100

61 120.0 101.1 151.7

98 60.9 47.0 70.6



#22

Diisopropyl ether

Concen: 19.257 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Tgt Ion: 45 Resp: 75662

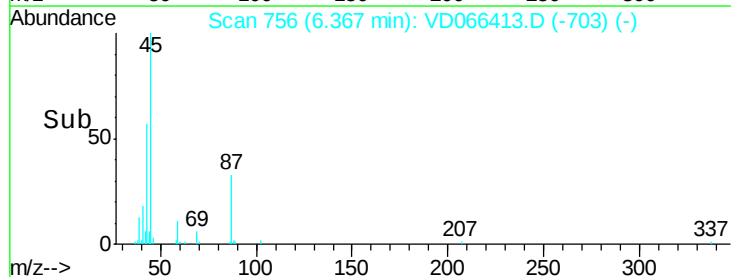
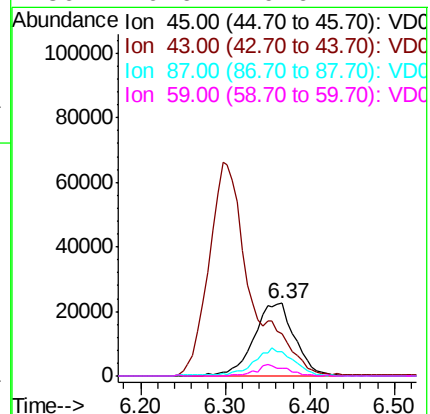
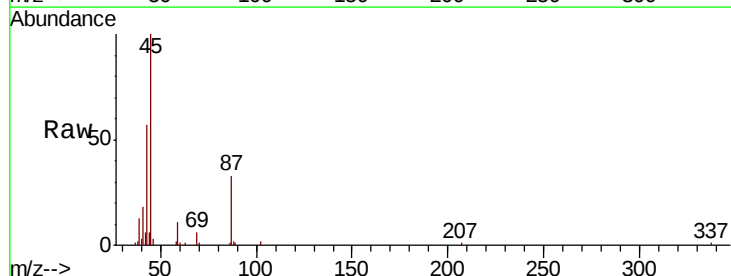
Ion Ratio Lower Upper

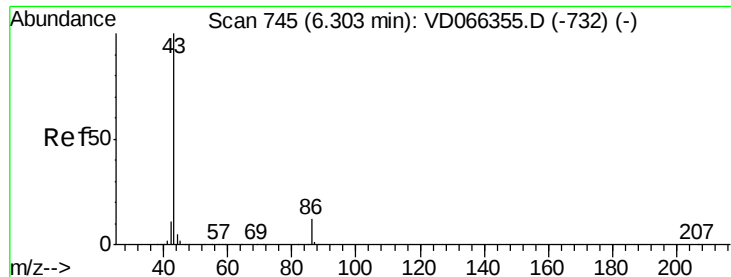
45 100

43 55.2 49.8 74.8

87 33.2 25.0 37.6

59 10.6 9.6 14.4





#23

Vinyl Acetate

Concen: 94.675 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

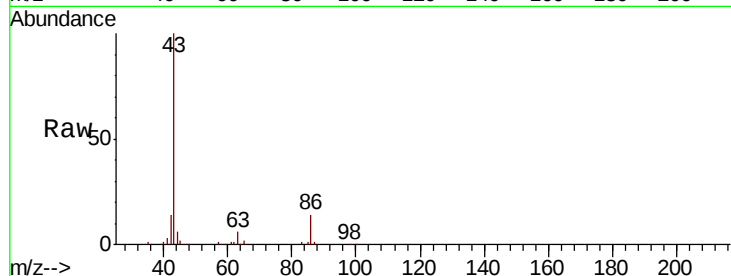
VD0826SBS01

Tot Ion: 43 Resp: 230285

Ion Ratio Lower Upper

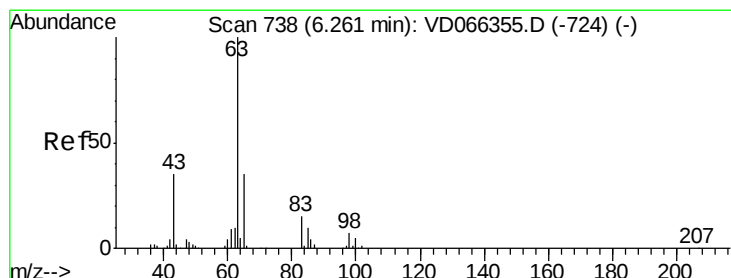
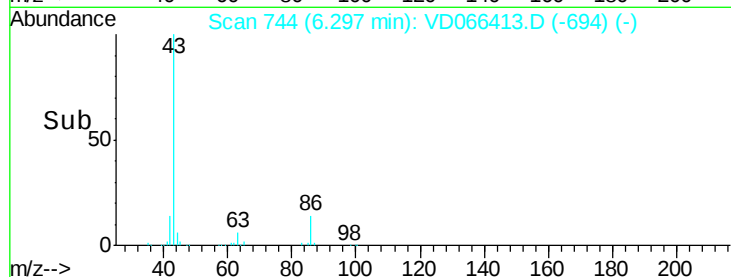
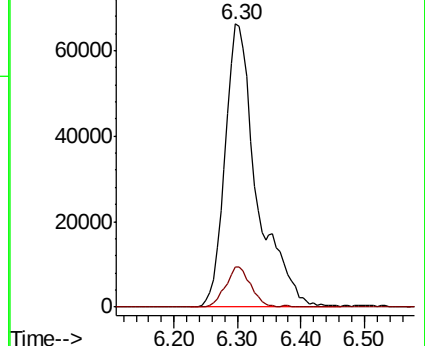
43 100

86 14.0 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.163 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

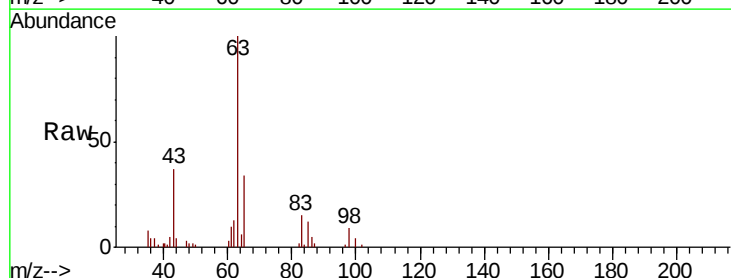
Tgt Ion: 63 Resp: 53209

Ion Ratio Lower Upper

63 100

98 8.6 3.5 10.6

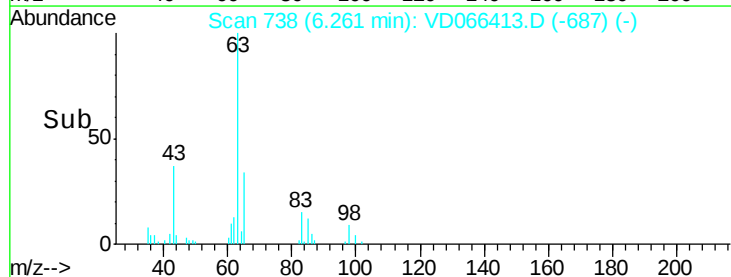
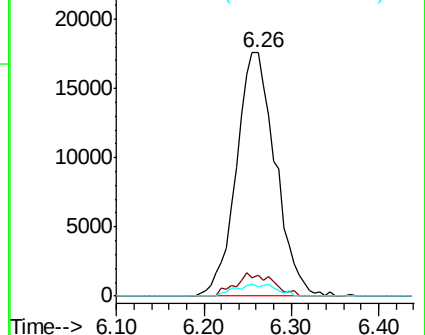
100 3.7 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 94.458 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

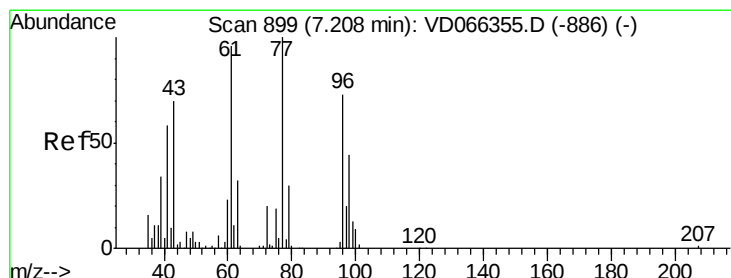
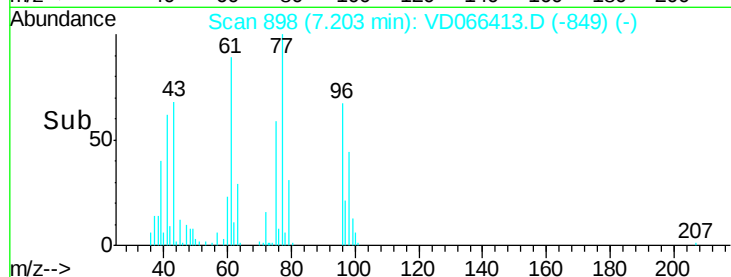
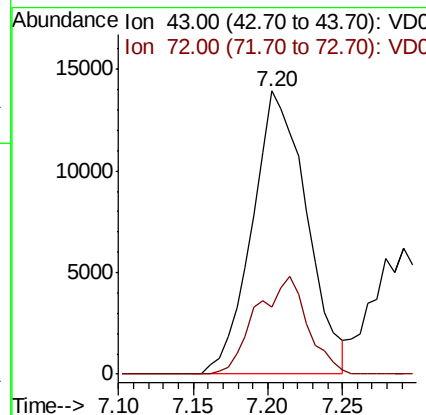
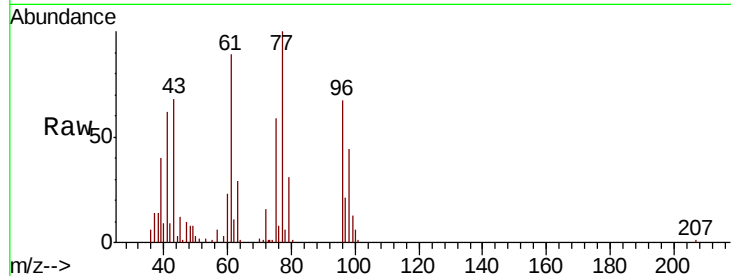
VD0826SBS01

Tot Ion: 43 Resp: 35357

Ion Ratio Lower Upper

43 100

72 23.6 22.5 33.7



#26

2,2-Dichloropropane

Concen: 21.349 ug/l

RT: 7.20 min Scan# 897

Delta R.T. -0.01 min

Lab File: VD066413.D

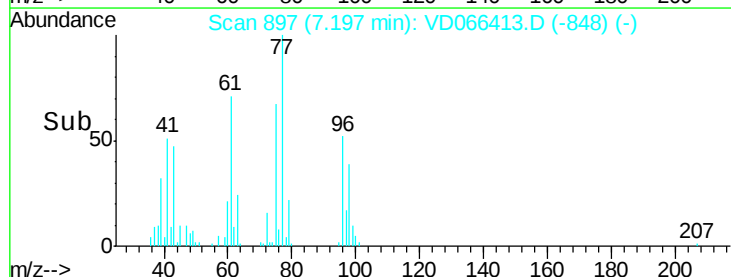
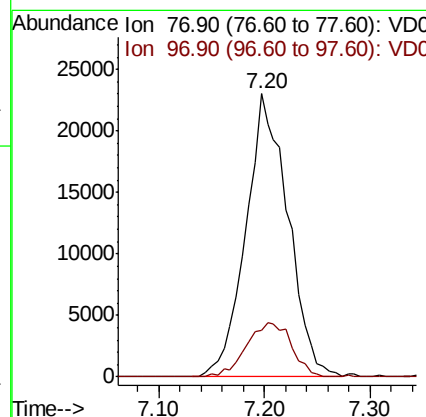
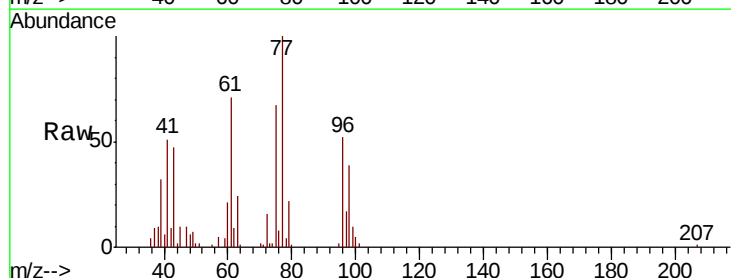
Acq: 26 Aug 2020 11:53

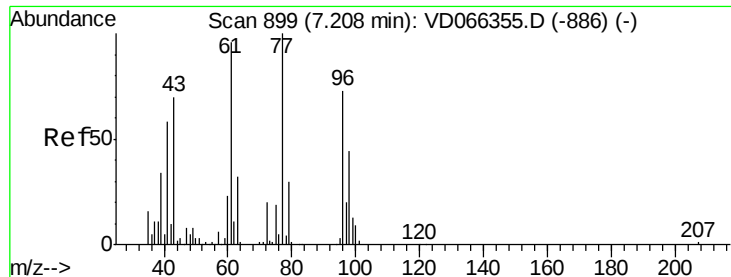
Tgt Ion: 77 Resp: 63533

Ion Ratio Lower Upper

77 100

97 20.4 10.7 31.9

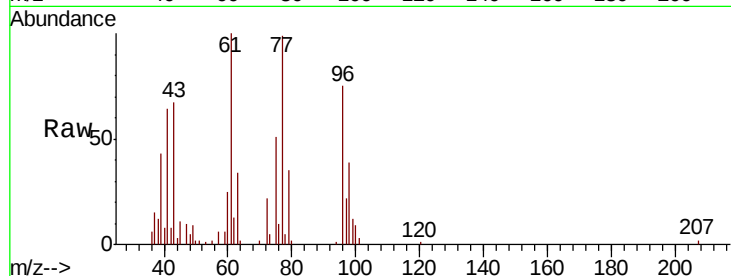




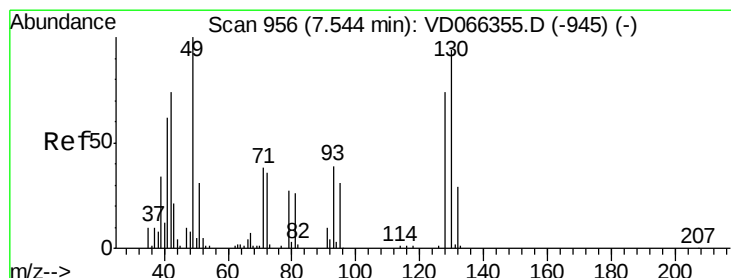
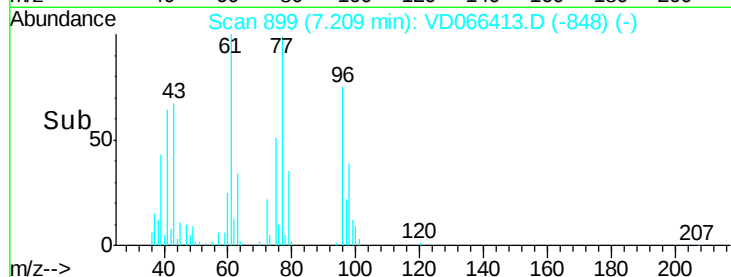
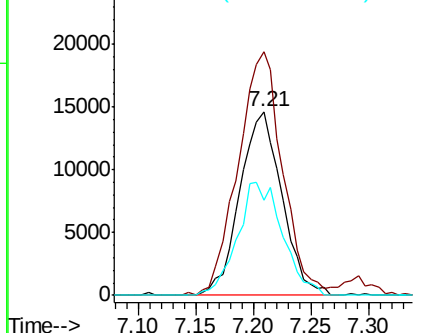
#27
 cis-1,2-Dichloroethene
 Concen: 19.607 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Tot Ion: 96 Resp: 37183
 Ion Ratio Lower Upper
 96 100
 61 140.1 0.0 281.4
 98 65.8 0.0 132.2

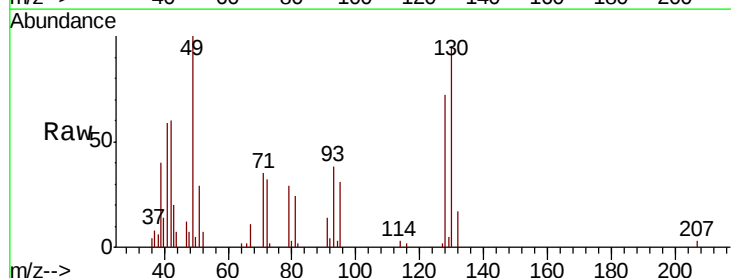


Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC

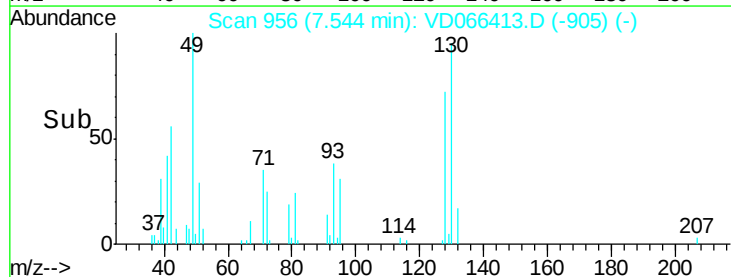
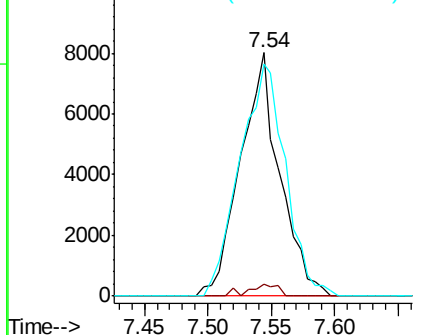


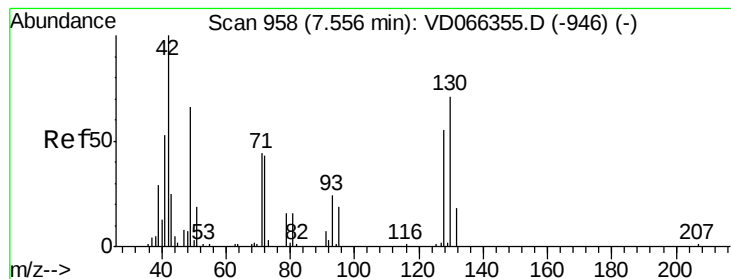
#28
 Bromochloromethane
 Concen: 18.111 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

Tgt Ion: 49 Resp: 17322
 Ion Ratio Lower Upper
 49 100
 129 3.1 0.0 3.0#
 130 110.7 82.6 124.0



Abundance Ion 48.90 (48.60 to 49.60): VDC
 Ion 128.80 (128.50 to 129.50): VDC
 Ion 129.80 (129.50 to 130.50): VDC





#29

Tetrahydrofuran

Concen: 90.176 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

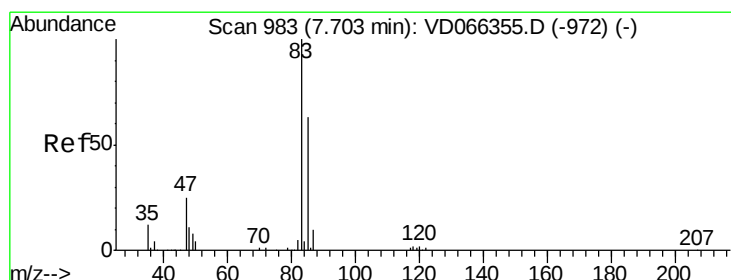
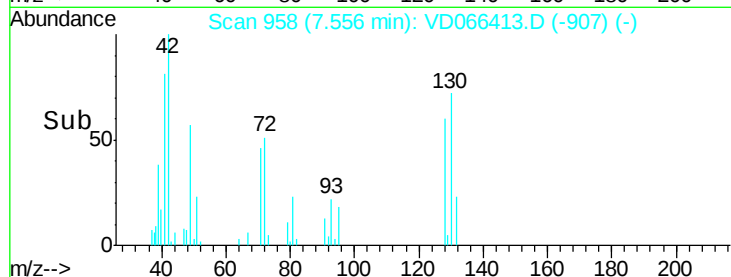
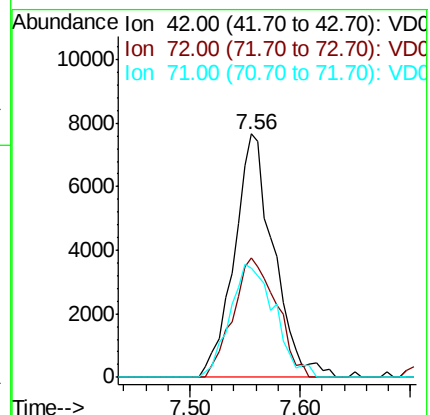
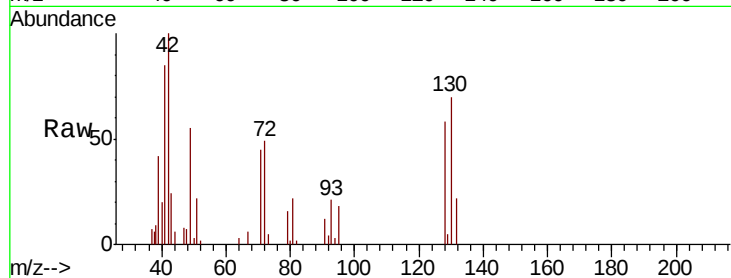
Tot Ion: 42 Resp: 19172

Ion Ratio Lower Upper

42 100

72 54.0 41.0 61.4

71 52.5 37.2 55.8



#30

Chloroform

Concen: 19.594 ug/l

RT: 7.70 min Scan# 983

Delta R.T. 0.00 min

Lab File: VD066413.D

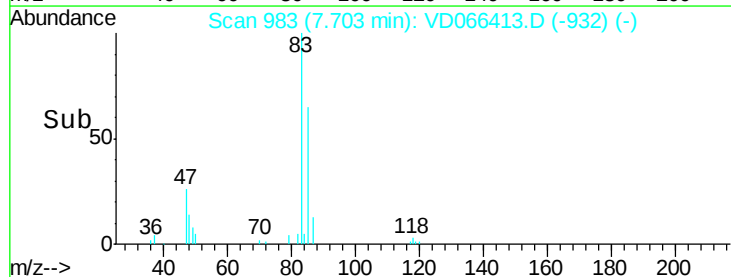
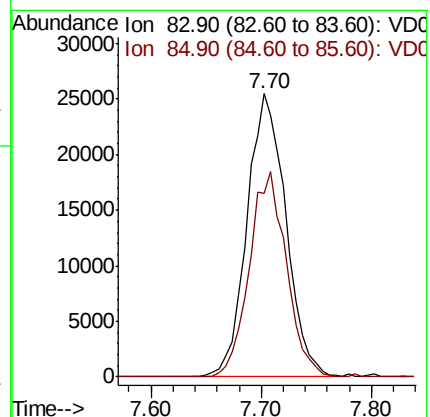
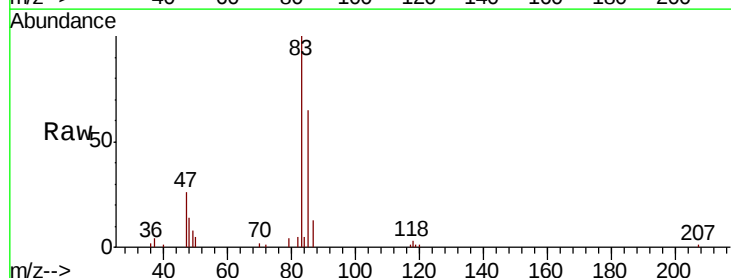
Acq: 26 Aug 2020 11:53

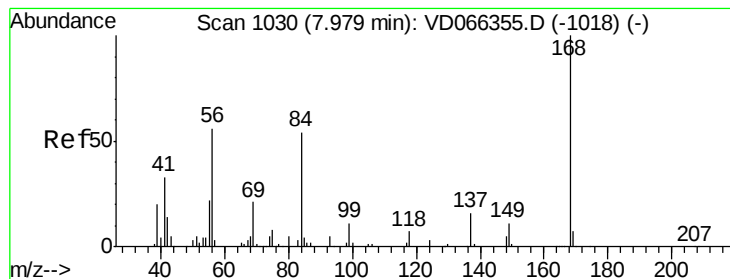
Tgt Ion: 83 Resp: 62947

Ion Ratio Lower Upper

83 100

85 65.0 50.3 75.5





#31

Cyclohexane

Concen: 18.272 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

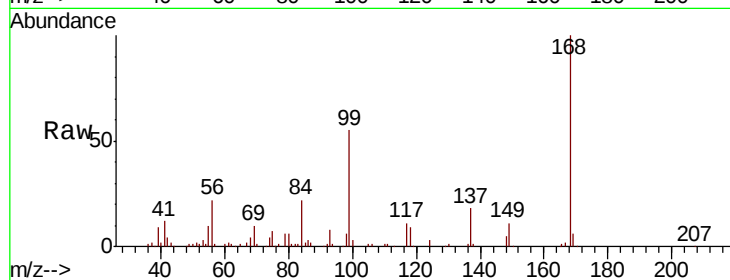
Tot Ion: 56 Resp: 46401

Ion Ratio Lower Upper

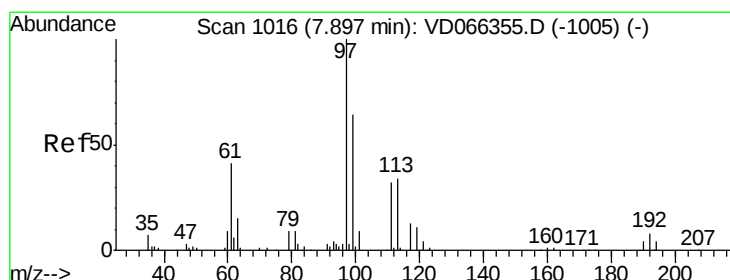
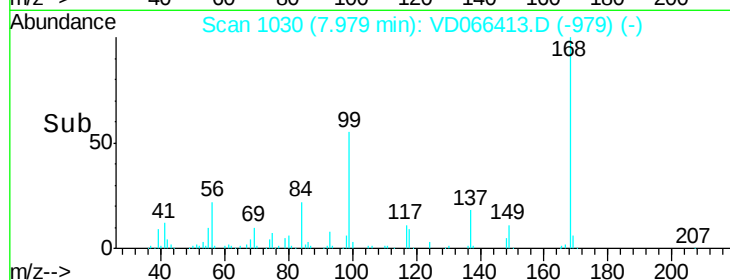
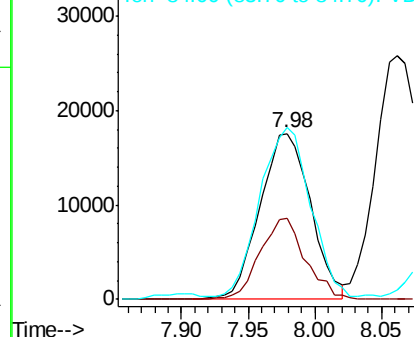
56 100

69 48.5 29.6 44.4#

84 99.8 76.6 115.0



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 21.245 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

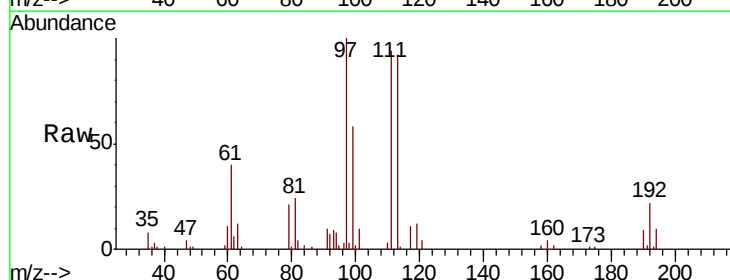
Tgt Ion: 97 Resp: 69853

Ion Ratio Lower Upper

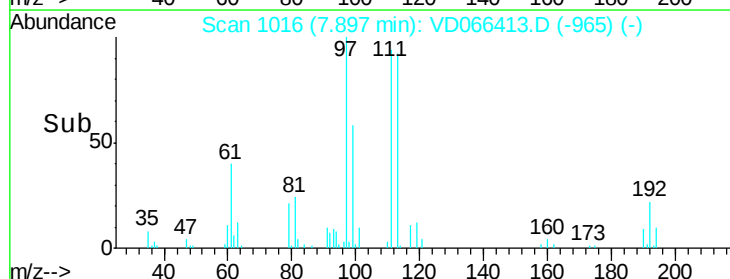
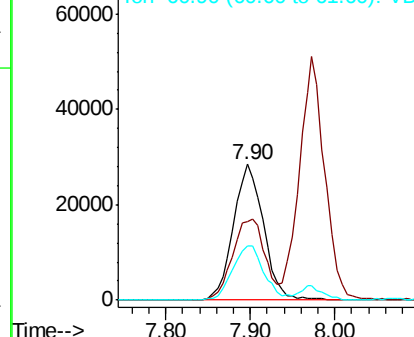
97 100

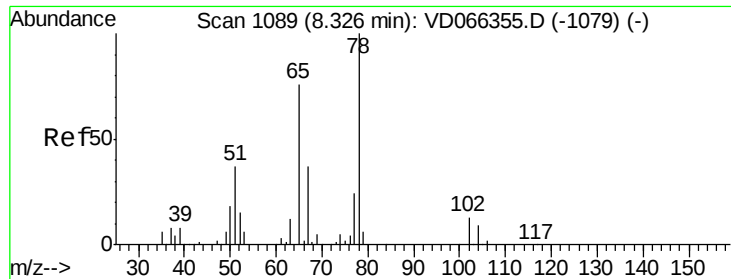
99 63.8 51.5 77.3

61 41.7 33.3 49.9



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 59.317 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

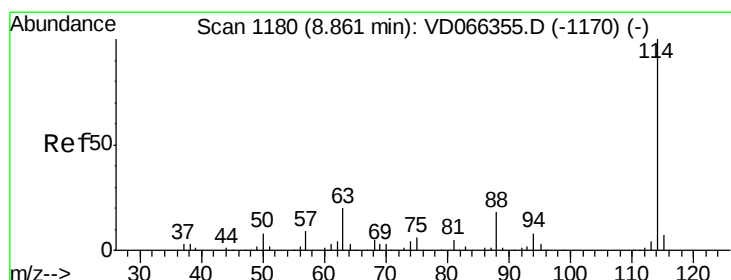
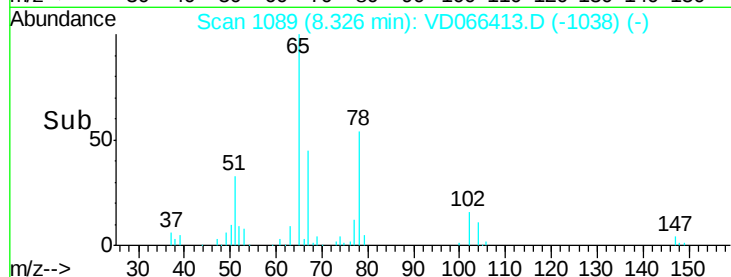
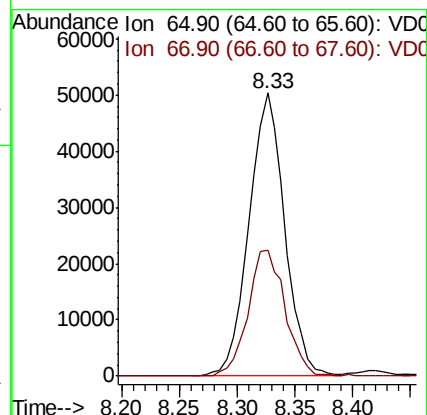
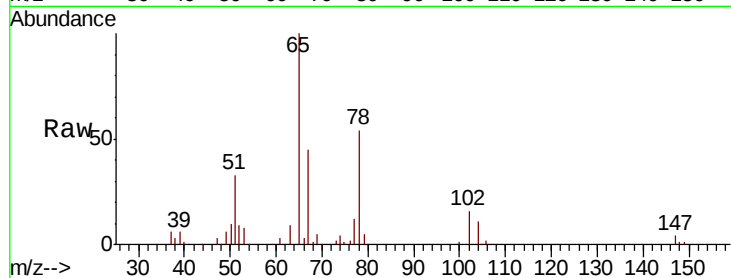
VD0826SBS01

Tot Ion: 65 Resp: 108484

Ion Ratio Lower Upper

65 100

67 46.1 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

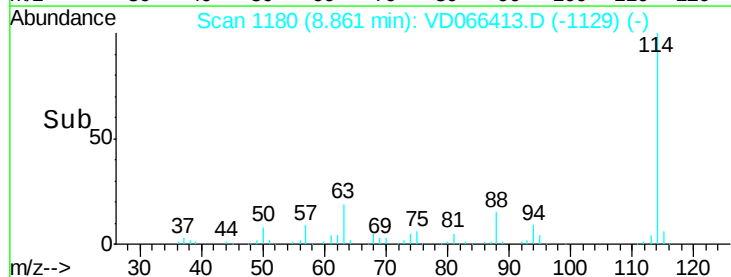
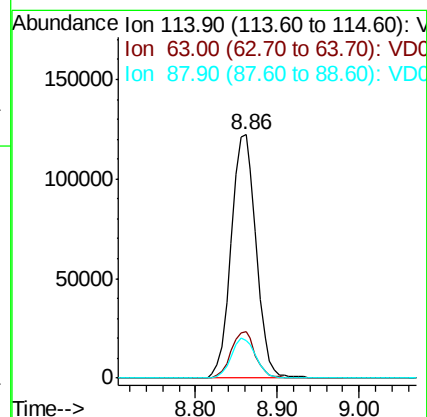
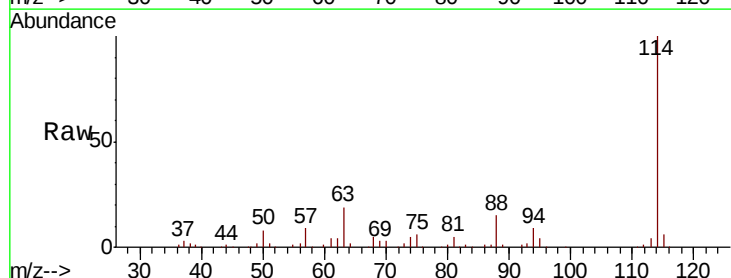
Tgt Ion: 114 Resp: 259627

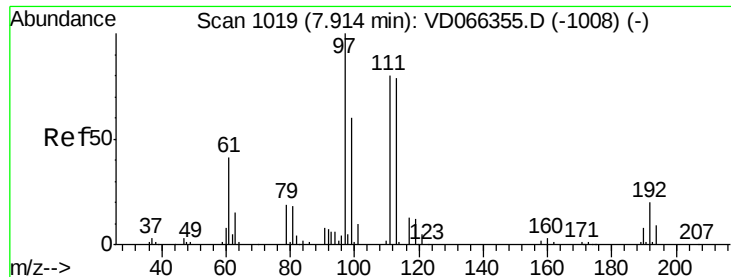
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

88 15.3 0.0 35.4

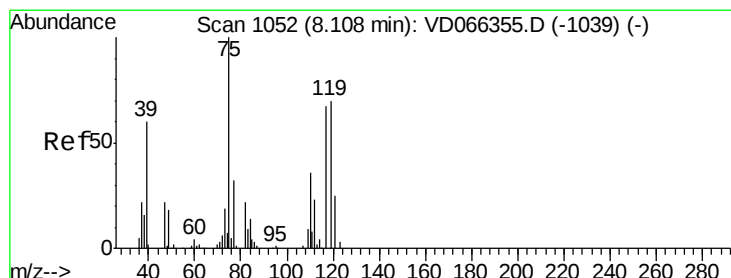
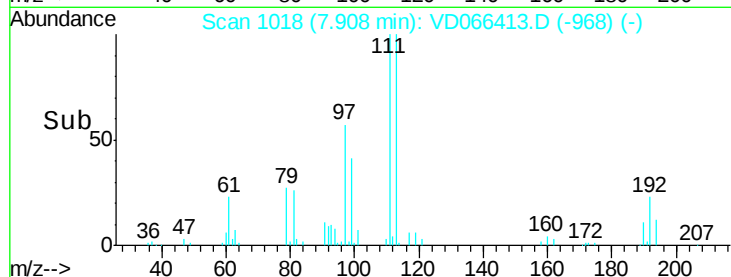
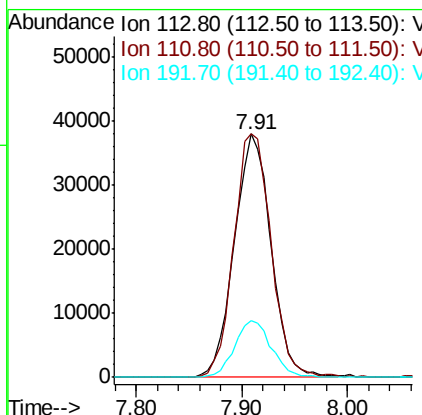
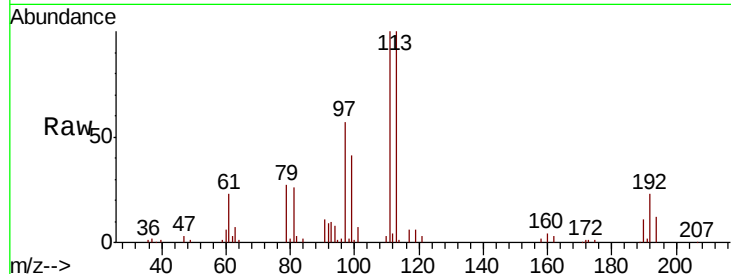




#35
 Dibromofluoromethane
 Concen: 56.206 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

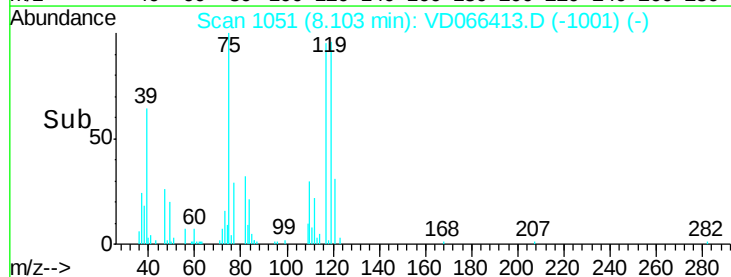
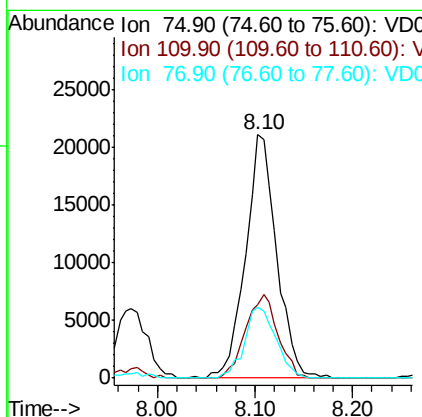
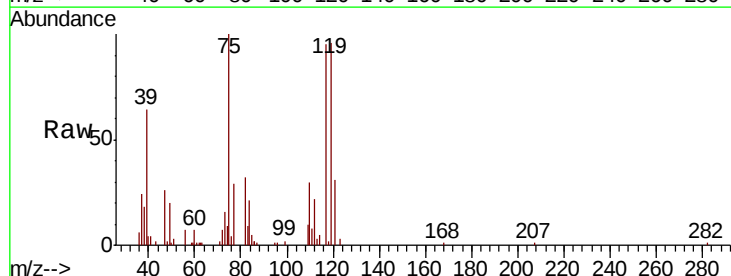
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

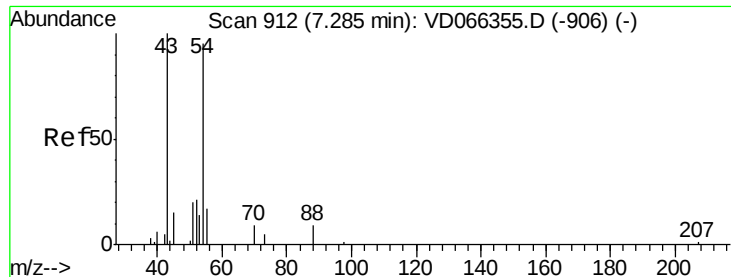
Tot Ion:113 Resp: 91249
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.3 120.5
 192 23.1 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 19.924 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

Tgt Ion: 75 Resp: 47198
 Ion Ratio Lower Upper
 75 100
 110 35.7 18.7 56.1
 77 29.3 25.2 37.8

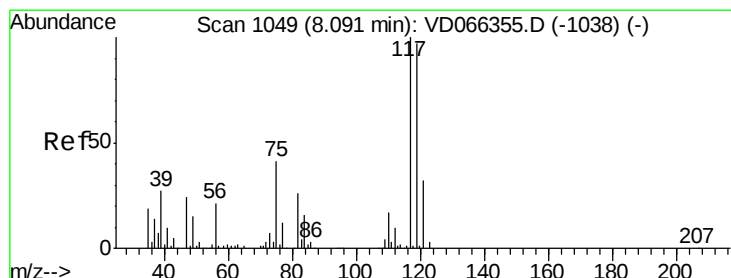
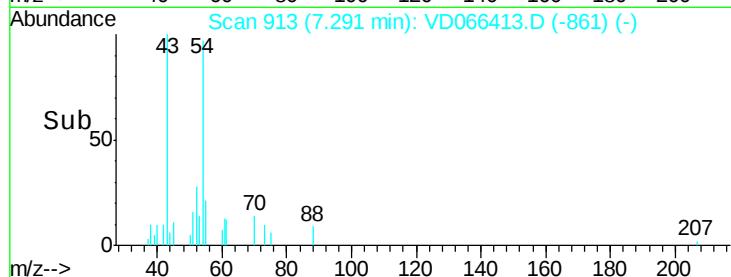
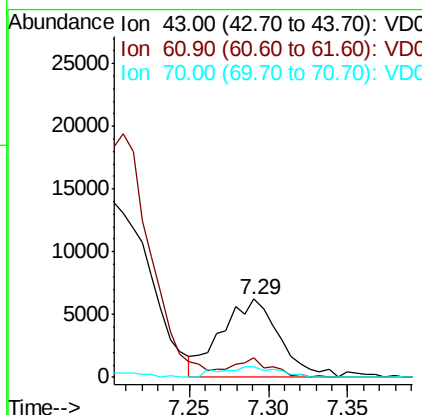
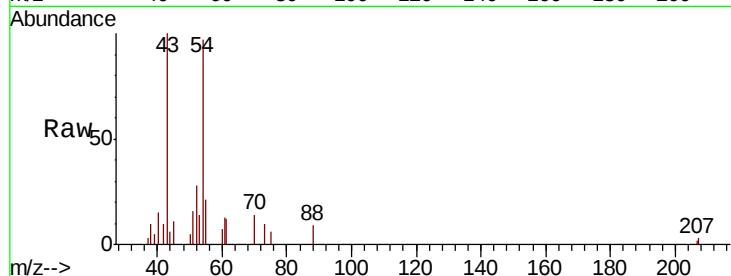




#37
Ethyl Acetate
Concen: 19.624 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

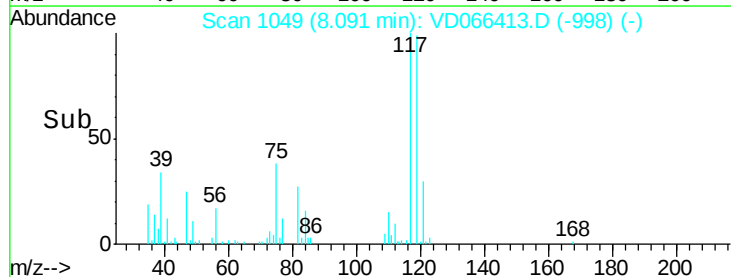
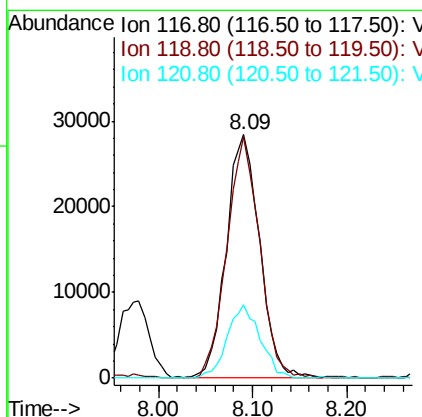
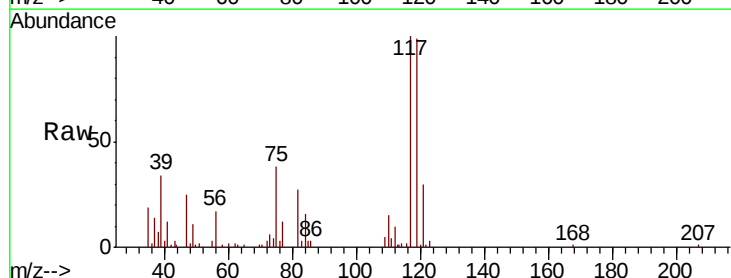
Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

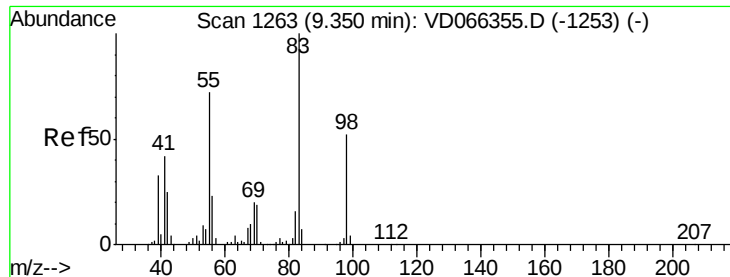
Tot Ion: 43 Resp: 15811
Ion Ratio Lower Upper
43 100
61 15.9 13.3 19.9
70 13.6 3.5 5.3#



#38
Carbon Tetrachloride
Concen: 22.742 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

Tgt Ion: 117 Resp: 70189
Ion Ratio Lower Upper
117 100
119 98.3 77.2 115.8
121 30.3 25.8 38.8

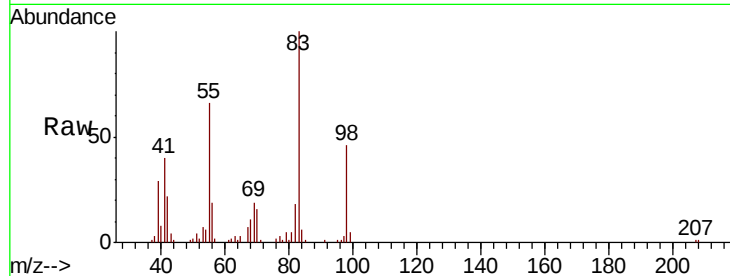




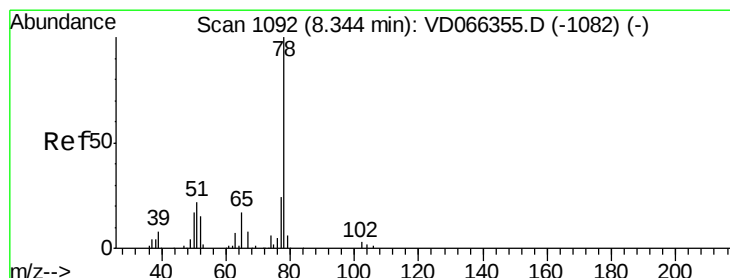
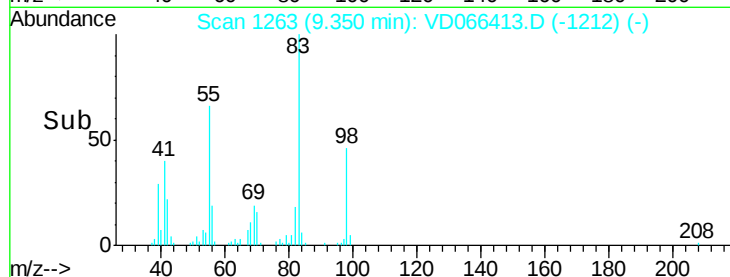
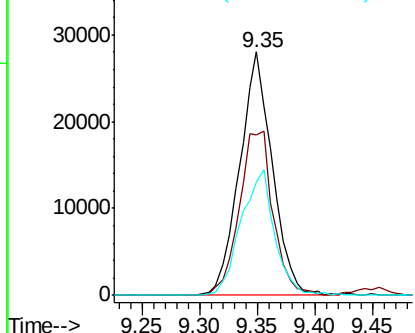
#39
Methvlcvclohexane
Concen: 19.782 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Tot Ion: 83 Resp: 55202
Ion Ratio Lower Upper
83 100
55 65.7 58.0 87.0
98 46.4 41.9 62.9

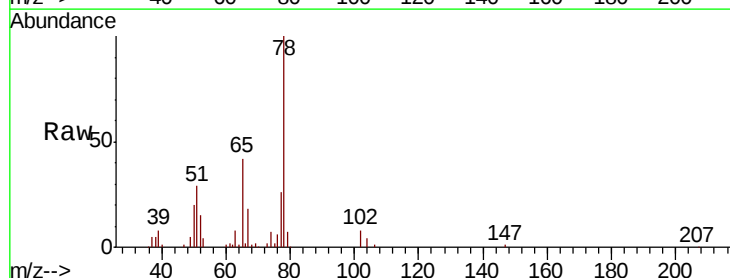


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

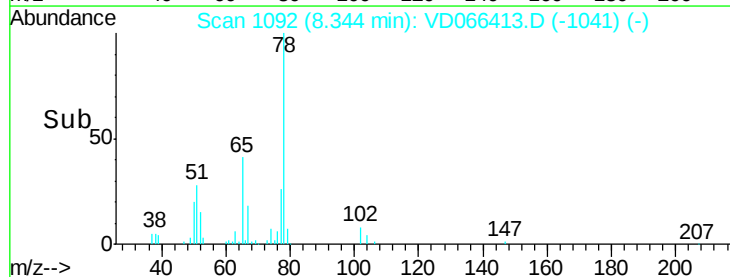
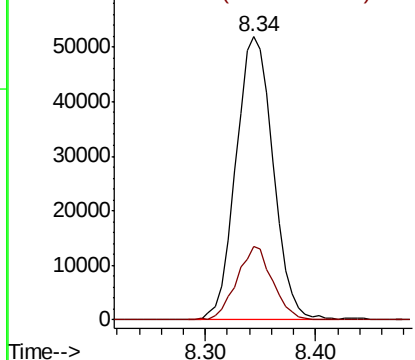


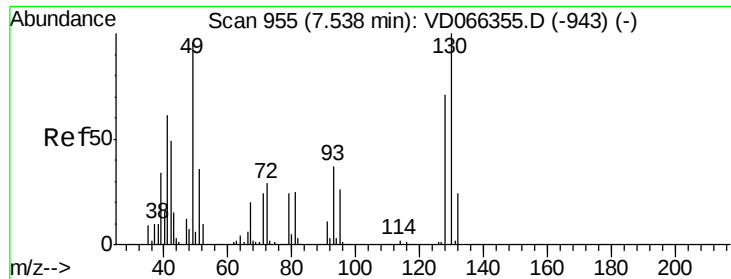
#40
Benzene
Concen: 19.704 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

Tgt Ion: 78 Resp: 122796
Ion Ratio Lower Upper
78 100
77 26.1 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

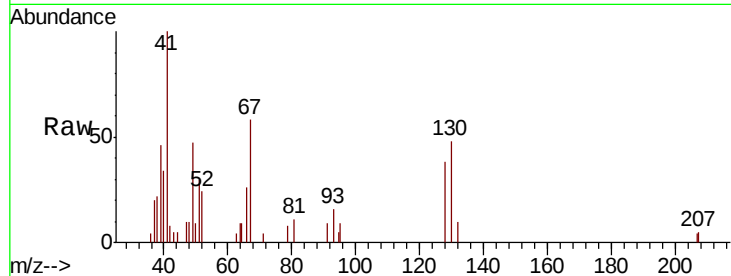




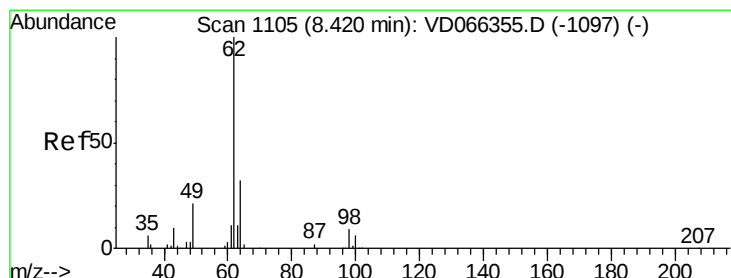
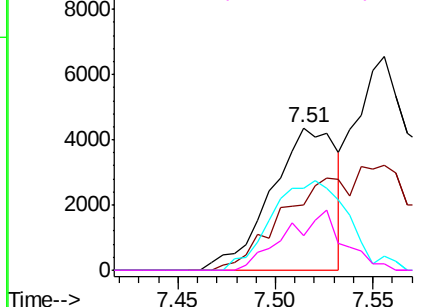
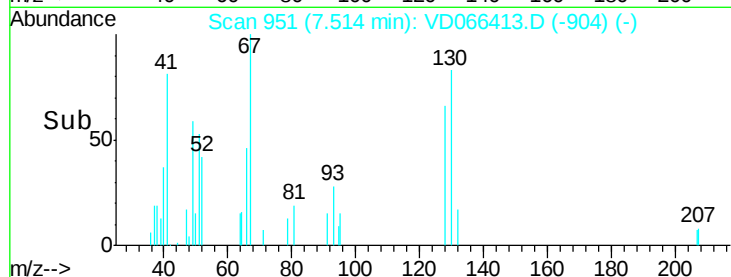
#41
Methacrylonitrile
Concen: 20.394 ug/l
RT: 7.51 min Scan# 951
Delta R.T. -0.02 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Tot Ion: 41 Resp: 10133
Ion Ratio Lower Upper
41 100
39 67.3 51.8 77.8
67 74.2 0.0 0.0#
52 37.1 0.0 0.0#

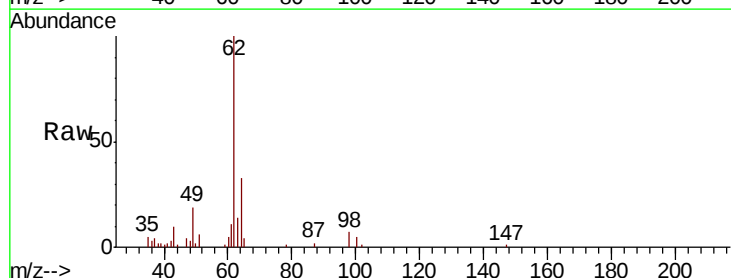


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

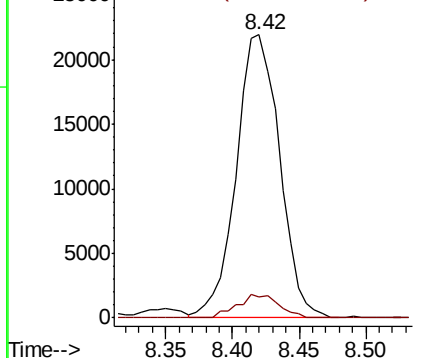
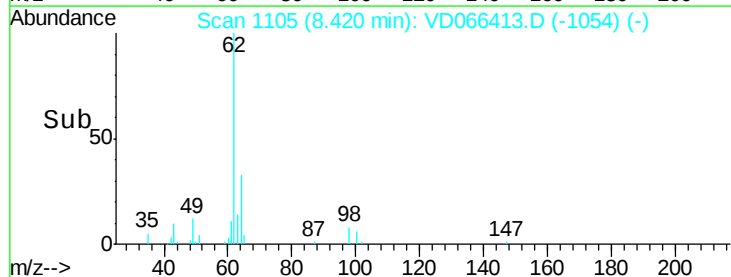


#42
1,2-Dichloroethane
Concen: 22.521 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

Tgt Ion: 62 Resp: 49431
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.485 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

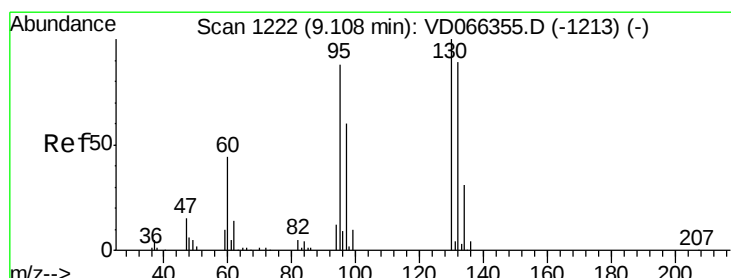
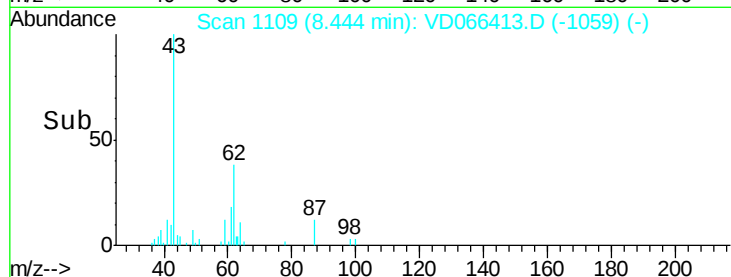
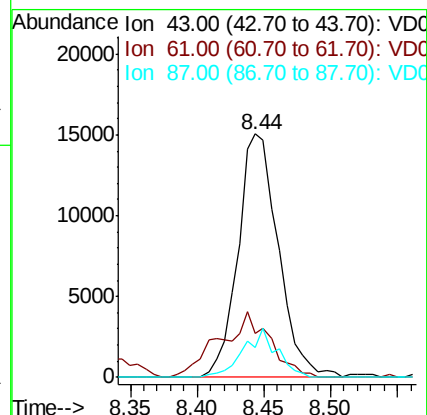
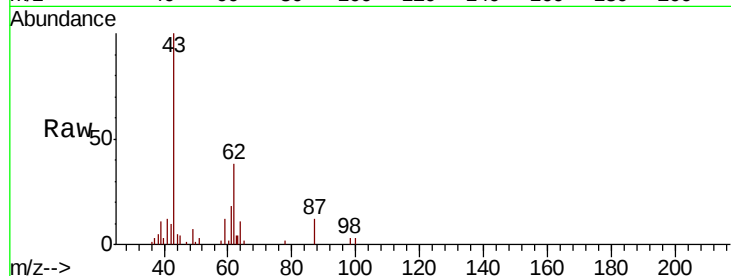
Tot Ion: 43 Resp: 31510

Ion Ratio Lower Upper

43 100

61 33.6 26.5 39.7

87 16.9 11.9 17.9



#44

Trichloroethene

Concen: 20.449 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066413.D

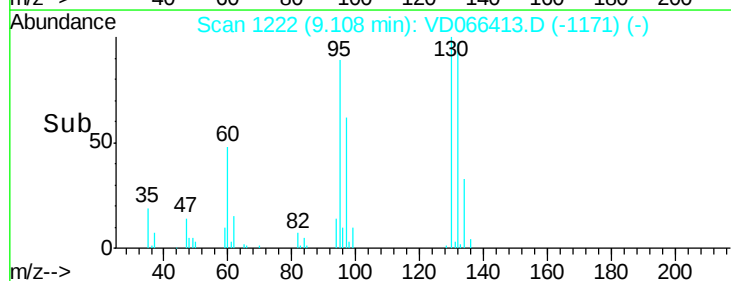
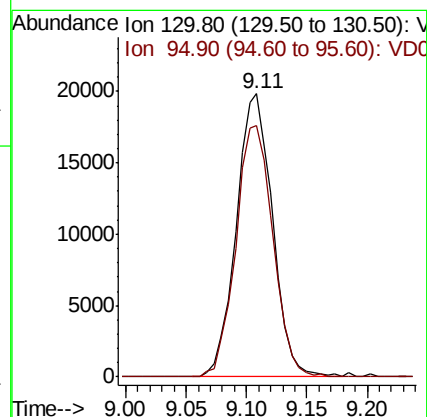
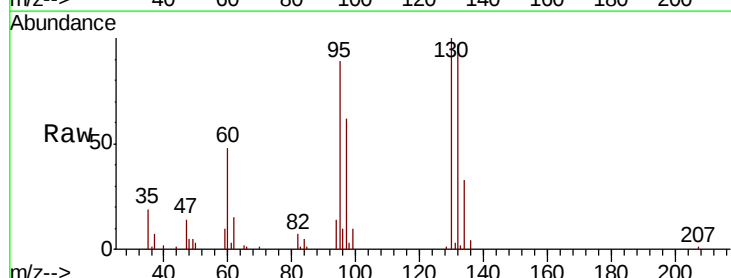
Acq: 26 Aug 2020 11:53

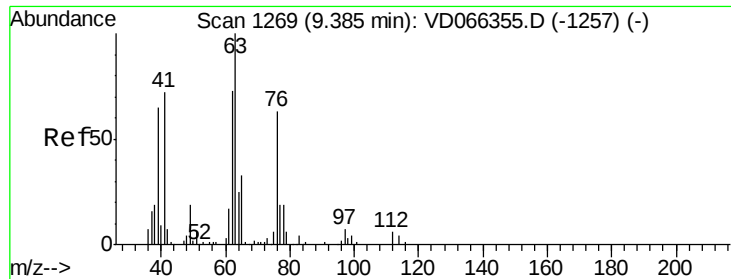
Tgt Ion: 130 Resp: 41408

Ion Ratio Lower Upper

130 100

95 88.7 0.0 175.6





#45

1,2-Dichloropropane

Concen: 19.892 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

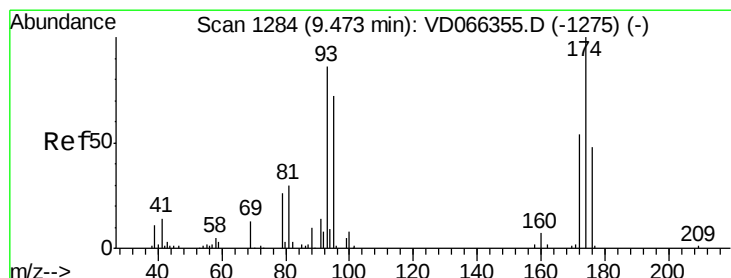
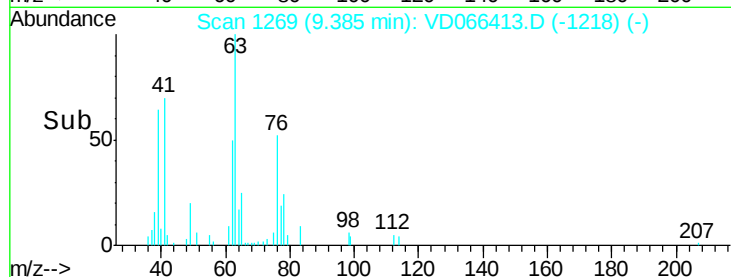
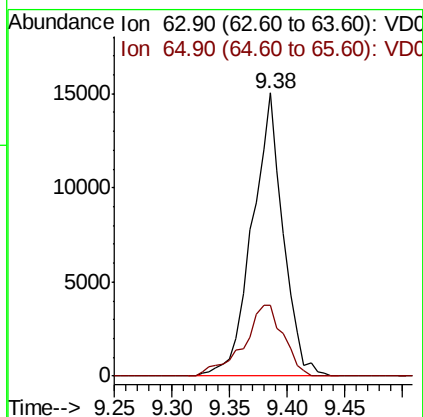
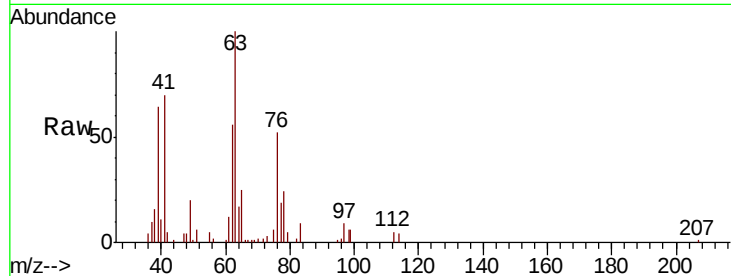
VD0826SBS01

Tot Ion: 63 Resp: 28103

Ion Ratio Lower Upper

63 100

65 24.9 26.4 39.6#



#46

Dibromomethane

Concen: 21.851 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

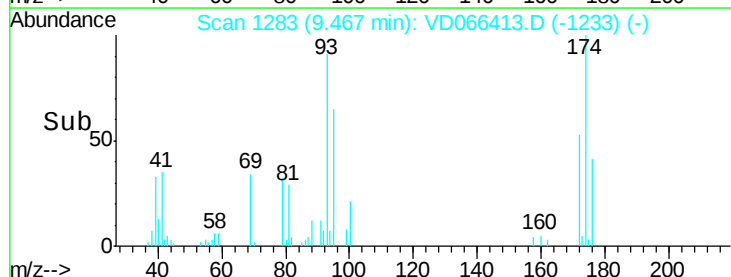
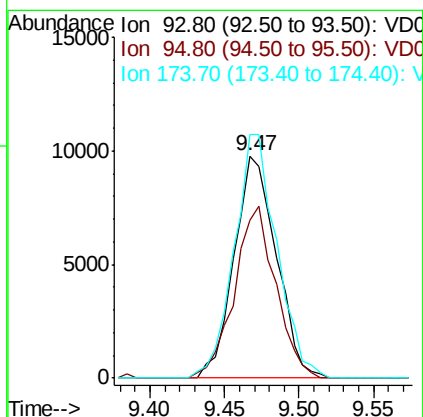
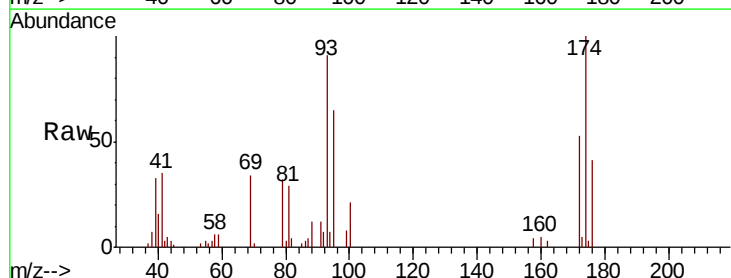
Tgt Ion: 93 Resp: 19221

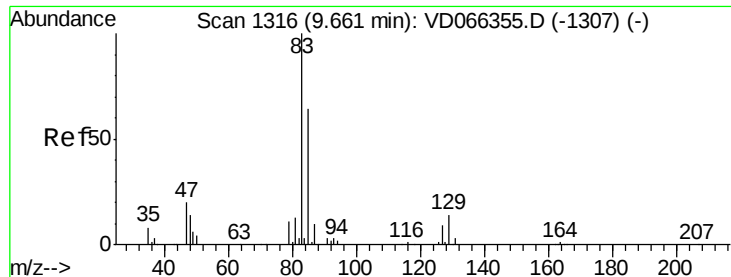
Ion Ratio Lower Upper

93 100

95 75.7 66.0 99.0

174 110.2 94.6 141.8





#47

Bromodichloromethane

Concen: 21.770 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

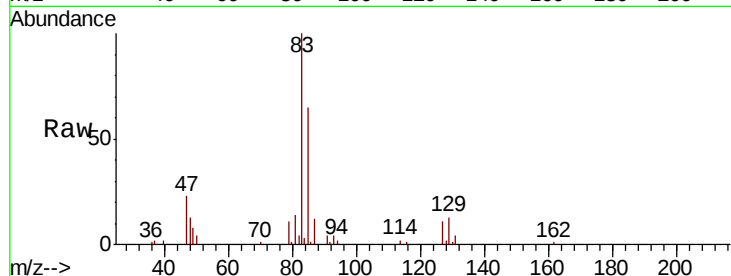
Tot Ion: 83 Resp: 52662

Ion Ratio Lower Upper

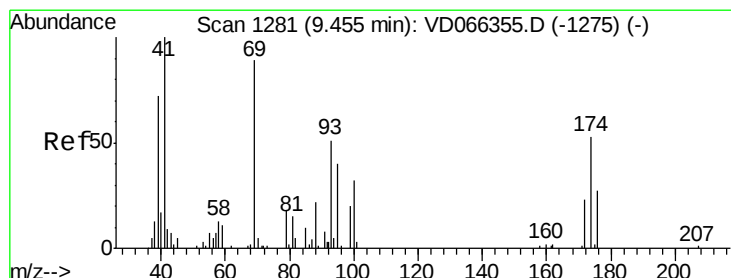
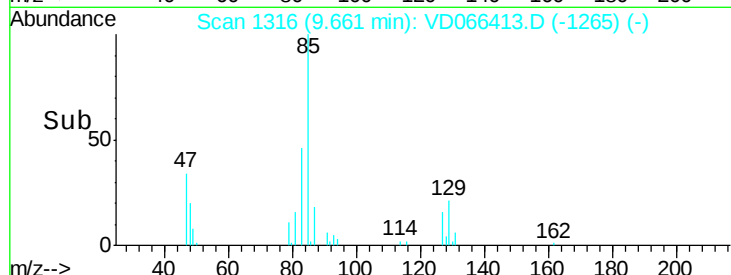
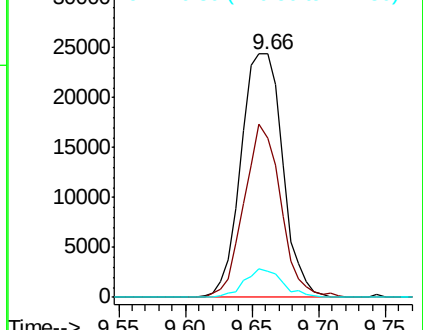
83 100

85 65.5 51.4 77.0

127 10.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 19.065 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

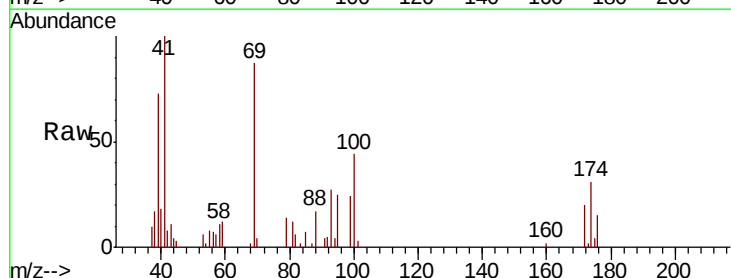
Tgt Ion: 41 Resp: 15899

Ion Ratio Lower Upper

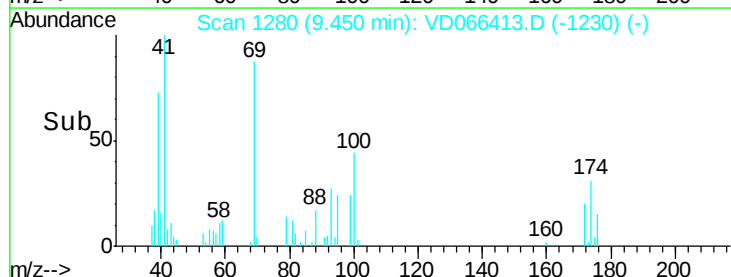
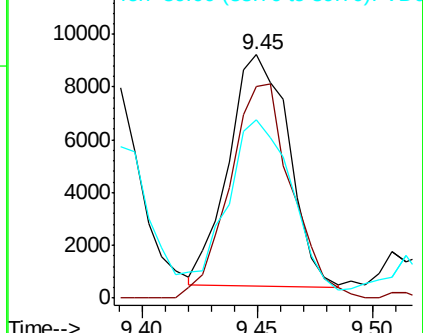
41 100

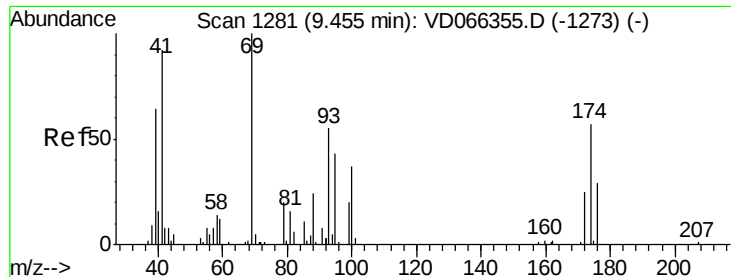
69 95.3 75.5 113.3

39 76.7 57.0 85.4



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

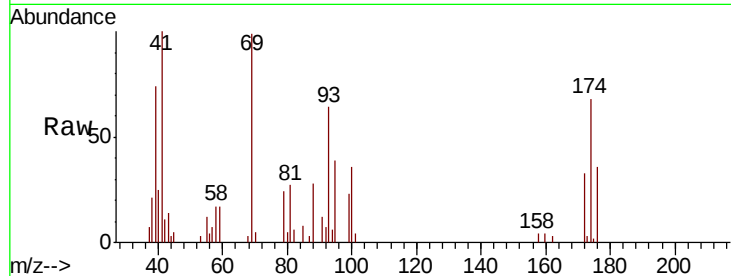




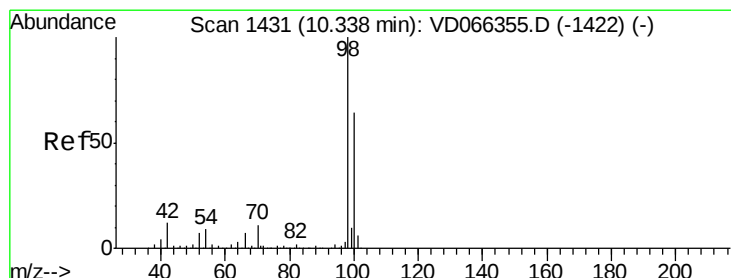
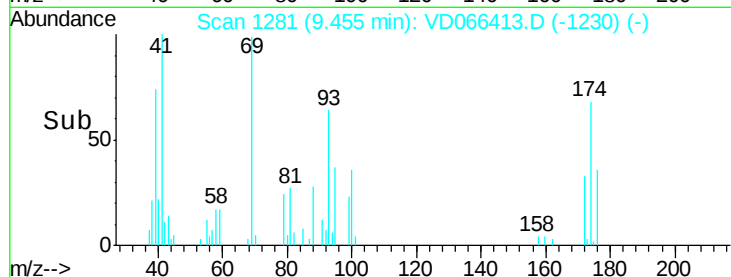
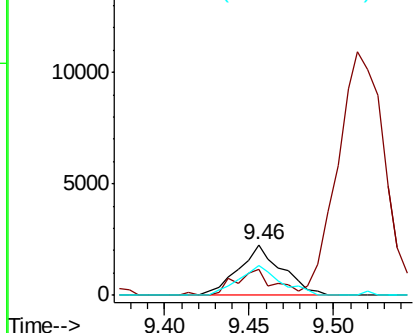
#49
 1,4-Dioxane
 Concen: 396.806 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Tot Ion: 88 Resp: 4053
 Ion Ratio Lower Upper
 88 100
 43 45.6 29.4 44.0#
 58 56.3 45.4 68.2

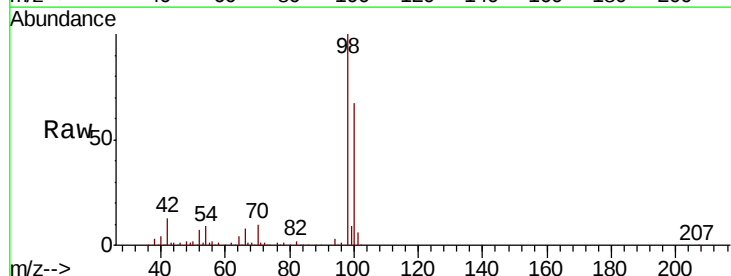


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

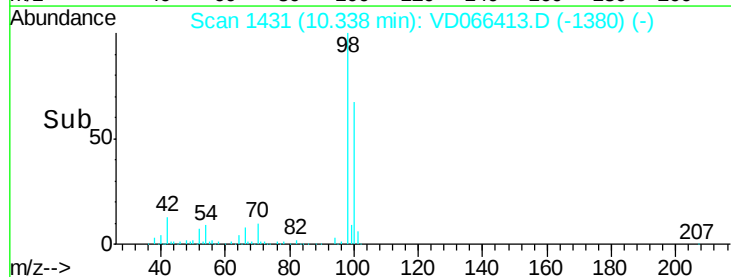
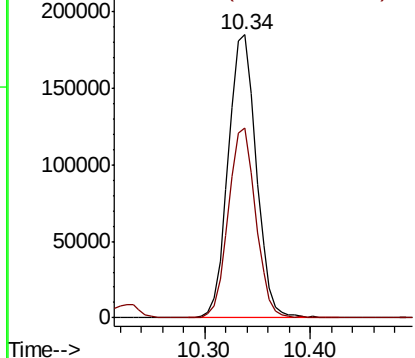


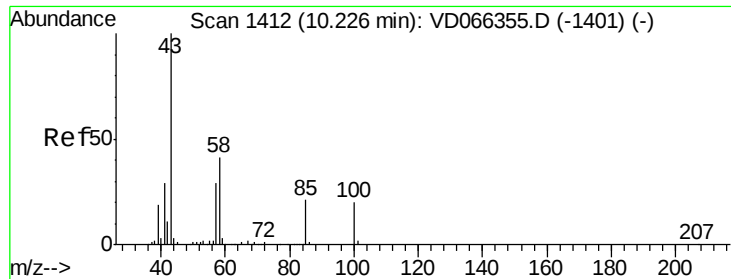
#50
 Toluene-d8
 Concen: 57.139 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

Tgt Ion: 98 Resp: 339407
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

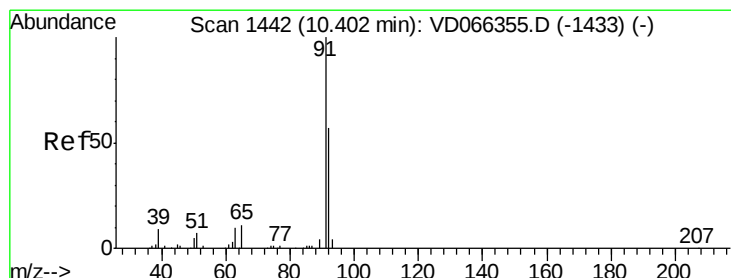
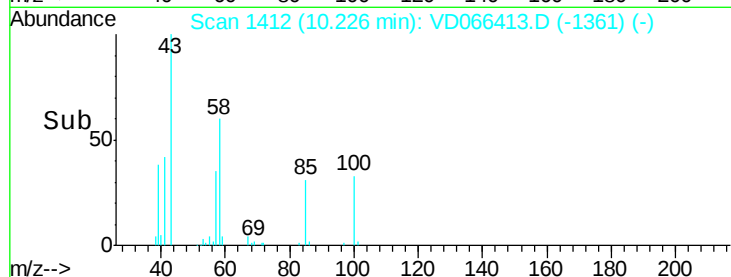
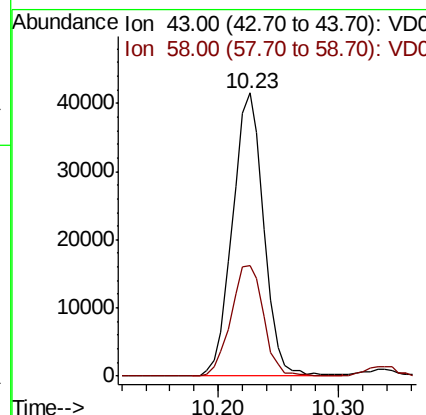
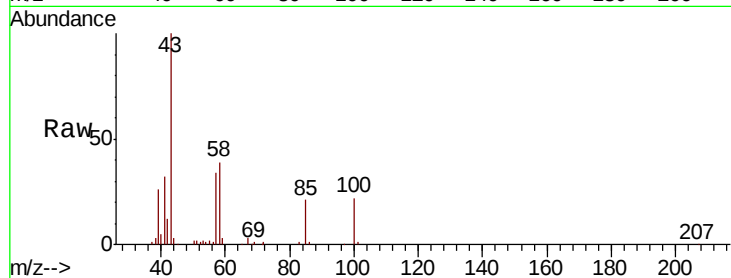




#51
4-Methyl-2-Pentanone
Concen: 95.621 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

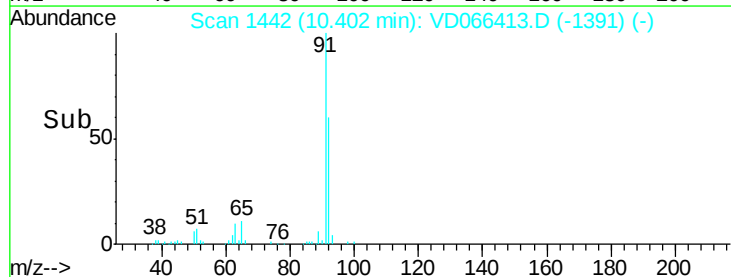
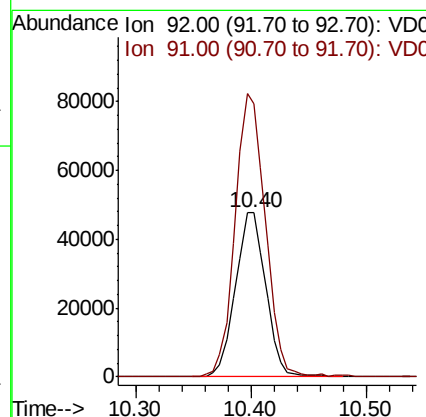
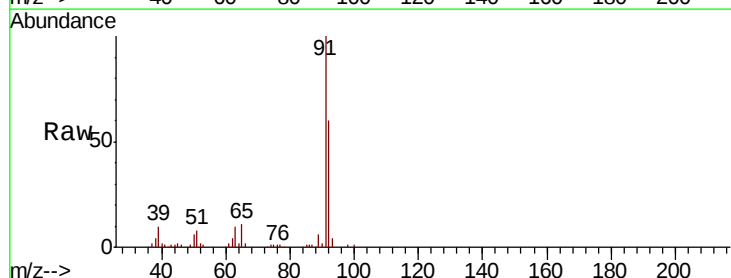
Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

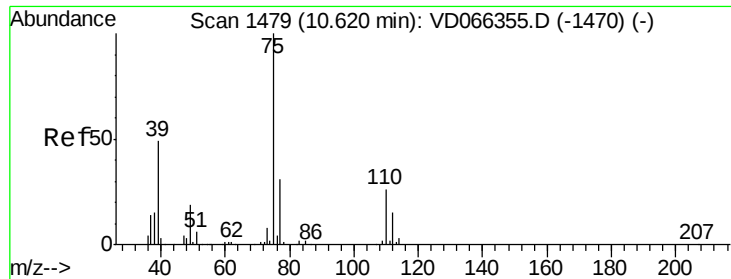
Tot Ion: 43 Resp: 74807
Ion Ratio Lower Upper
43 100
58 40.8 31.4 47.2



#52
Toluene
Concen: 20.620 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

Tgt Ion: 92 Resp: 87060
Ion Ratio Lower Upper
92 100
91 171.9 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 20.308 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

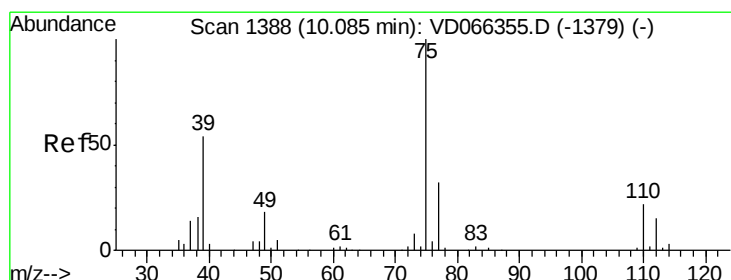
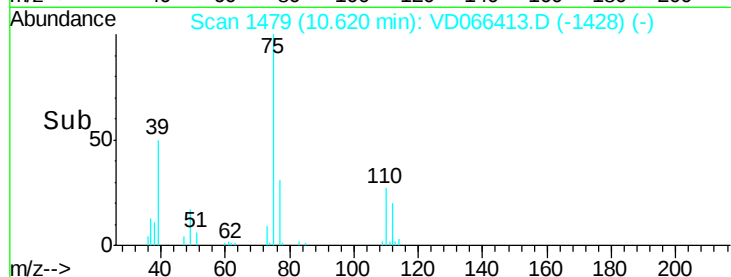
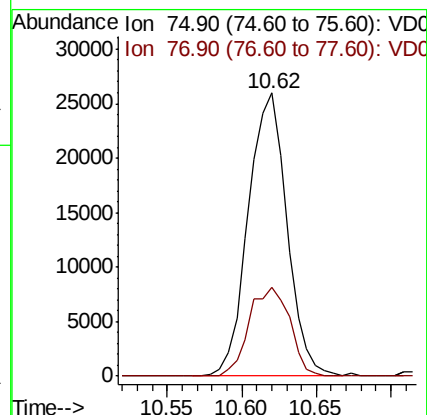
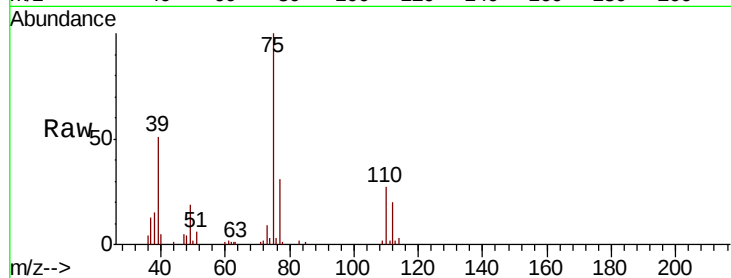
VD0826SBS01

Tot Ion: 75 Resp: 46615

Ion Ratio Lower Upper

75 100

77 31.4 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 20.352 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

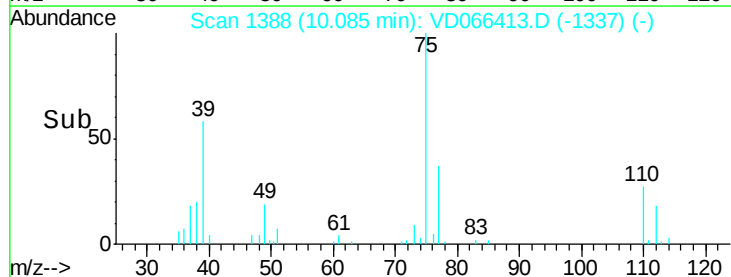
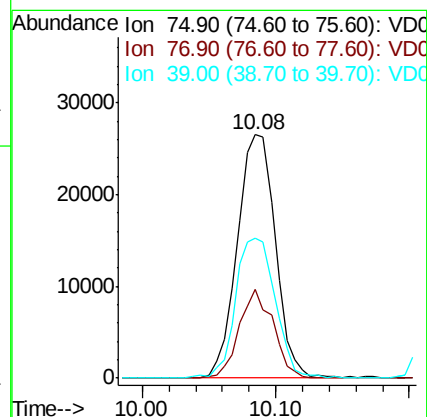
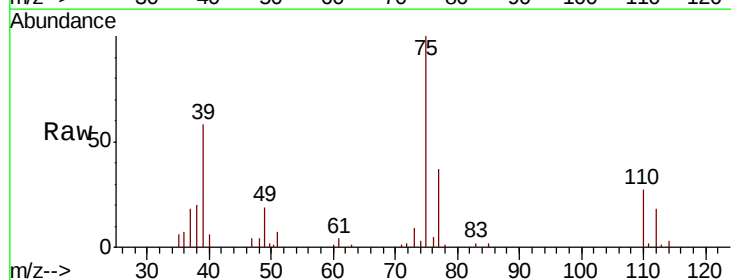
Tgt Ion: 75 Resp: 52437

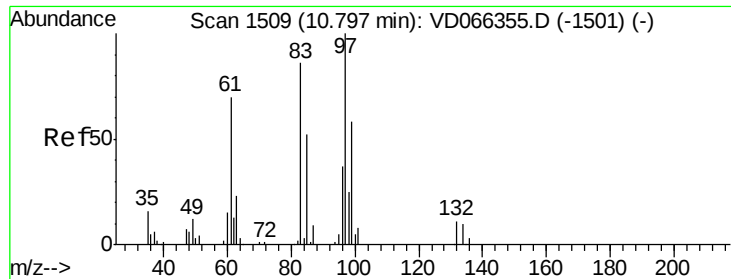
Ion Ratio Lower Upper

75 100

77 36.6 25.6 38.4

39 57.6 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 19.210 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

Tot Ion: 97 Resp: 22876

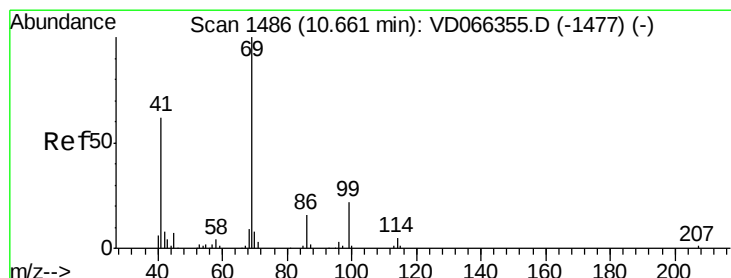
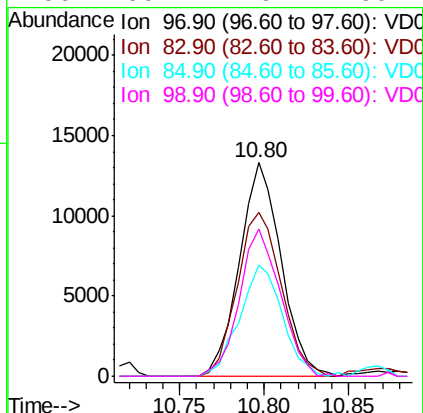
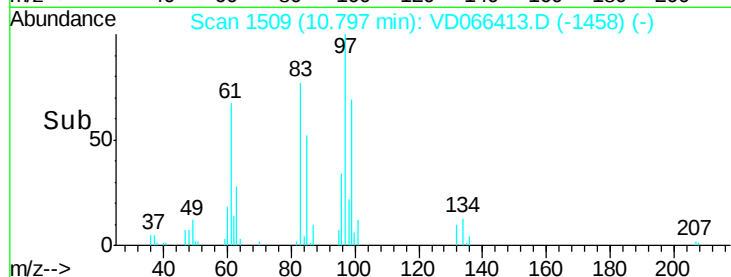
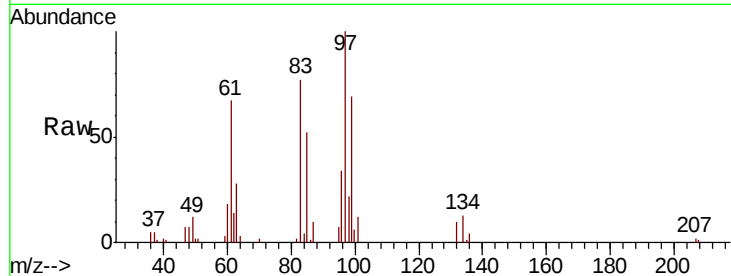
Ion	Ratio	Lower	Upper
97	100		
83	76.8	68.4	102.6
85	52.1	41.3	61.9
99	69.2	46.1	69.1#

97 100

83 76.8 68.4 102.6

85 52.1 41.3 61.9

99 69.2 46.1 69.1#



#56

Ethyl methacrylate

Concen: 20.327 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

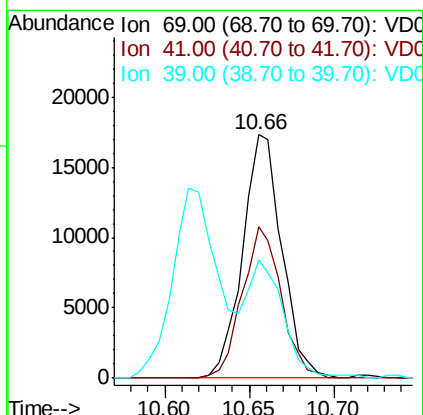
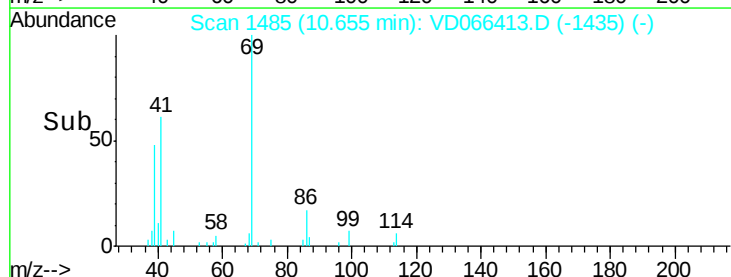
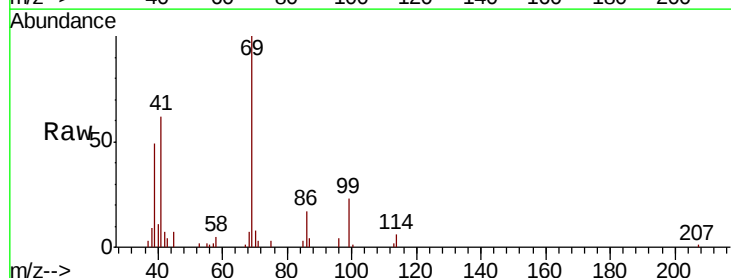
Tgt Ion: 69 Resp: 28021

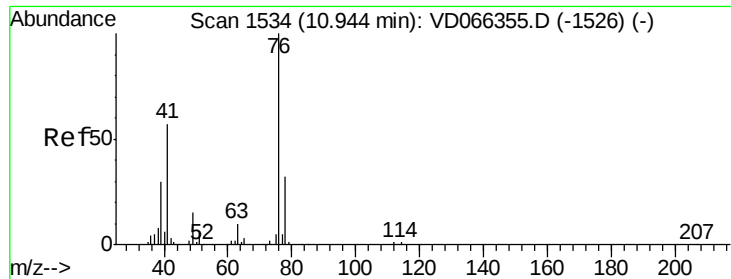
Ion	Ratio	Lower	Upper
69	100		
41	61.7	50.8	76.2
39	44.0	32.9	49.3

69 100

41 61.7 50.8 76.2

39 44.0 32.9 49.3

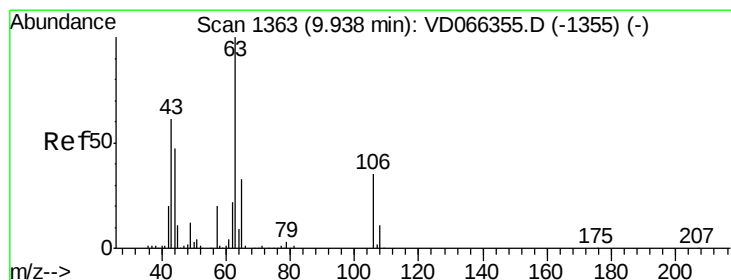
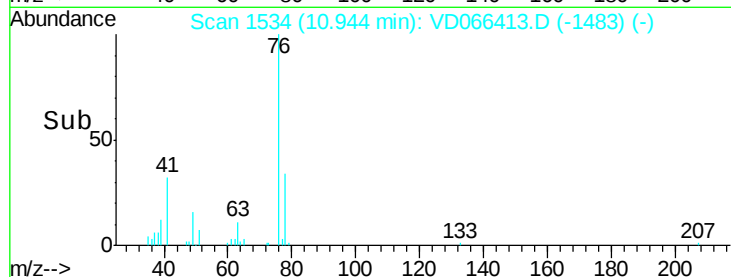
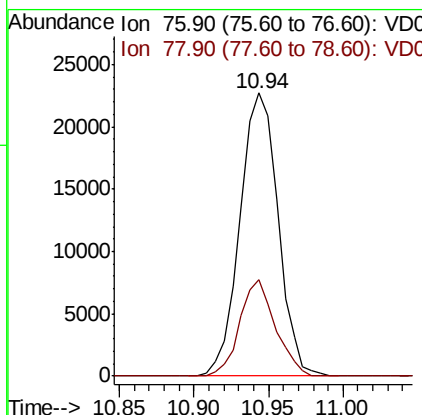
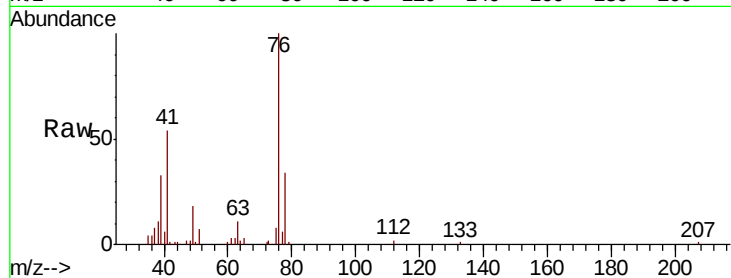




#57
 1,3-Dichloropropane
 Concen: 20.398 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

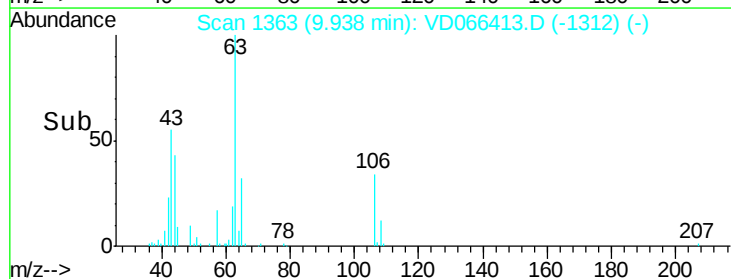
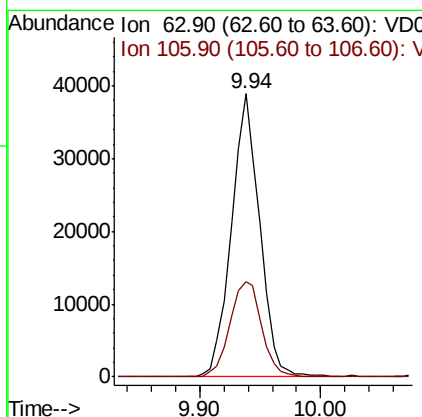
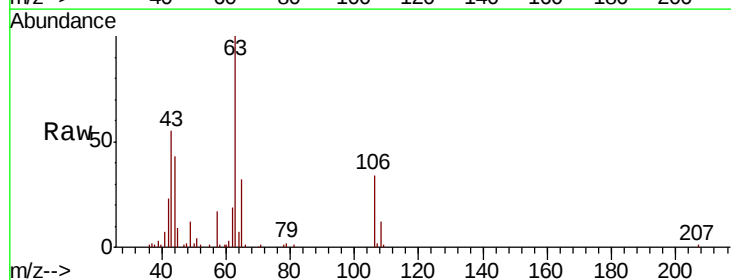
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

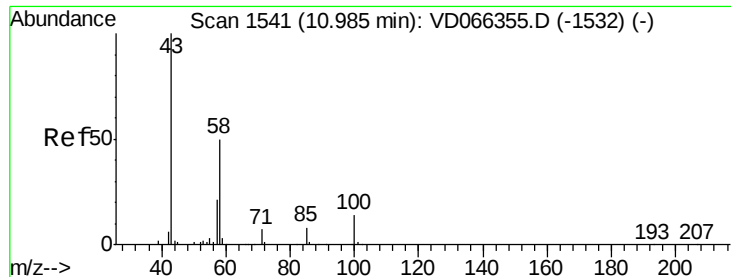
Tot Ion: 76 Resp: 40180
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.985 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

Tgt Ion: 63 Resp: 63544
 Ion Ratio Lower Upper
 63 100
 106 37.4 27.1 40.7

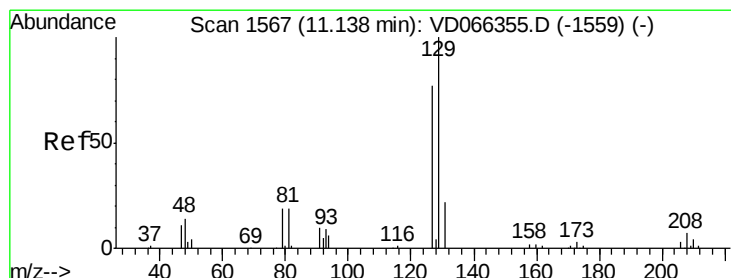
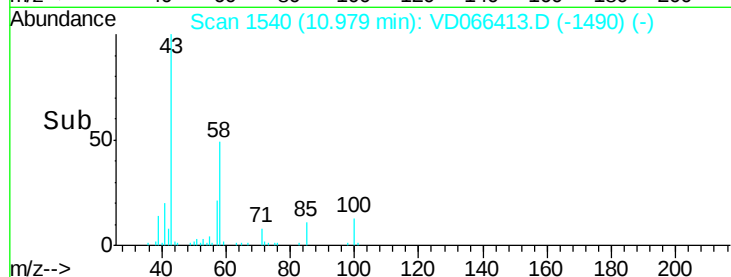
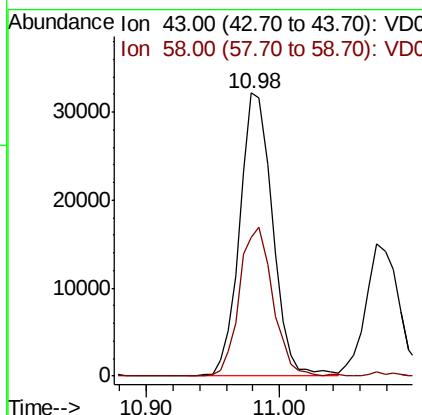
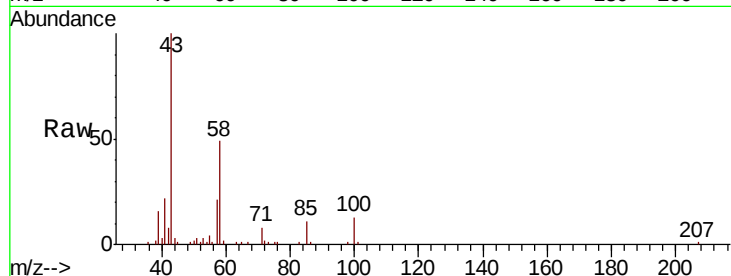




#59
2-Hexanone
Concen: 99.577 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

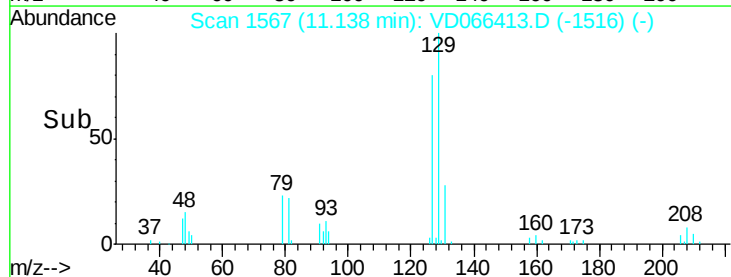
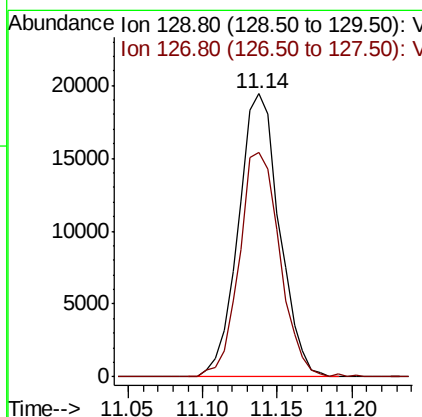
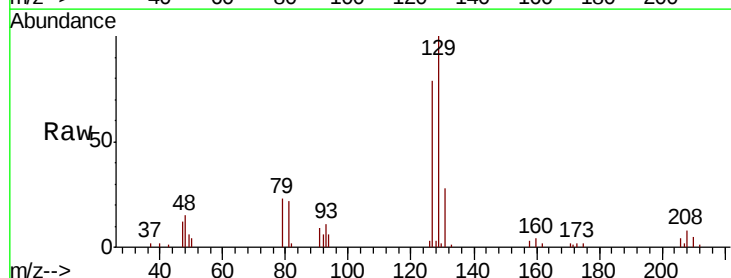
Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

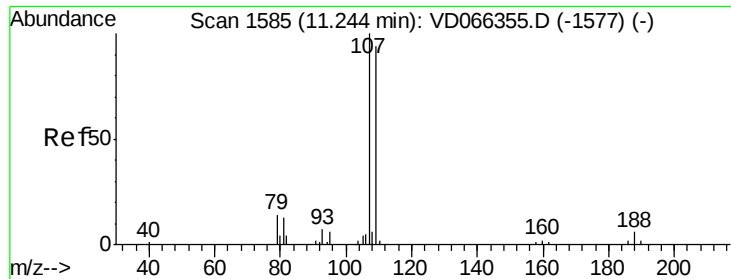
Tot Ion: 43 Resp: 54949
Ion Ratio Lower Upper
43 100
58 52.9 26.3 78.8



#60
Dibromochloromethane
Concen: 20.617 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

Tgt Ion:129 Resp: 37007
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

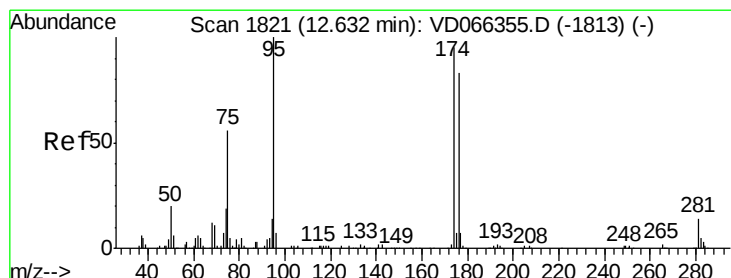
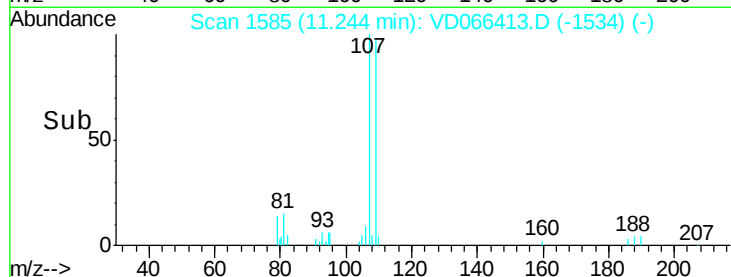
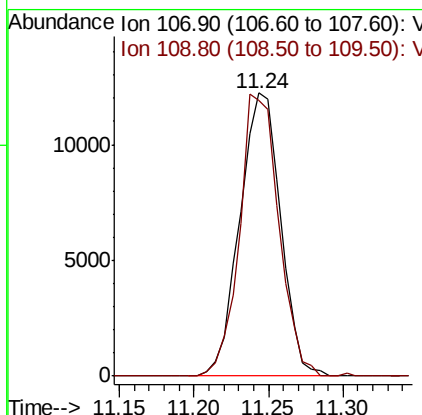
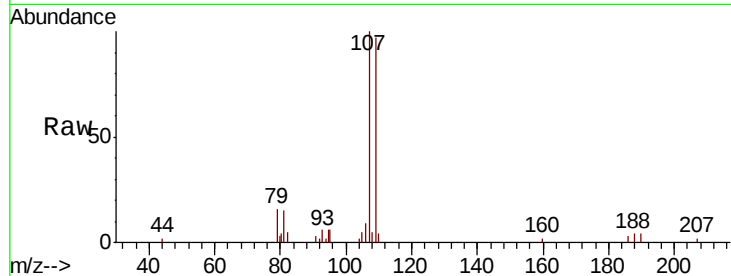




#61
 1,2-Dibromoethane
 Concen: 19.728 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

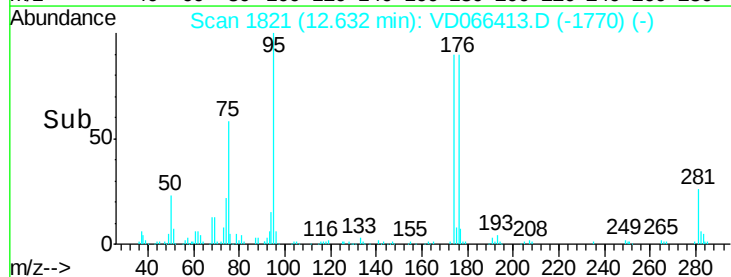
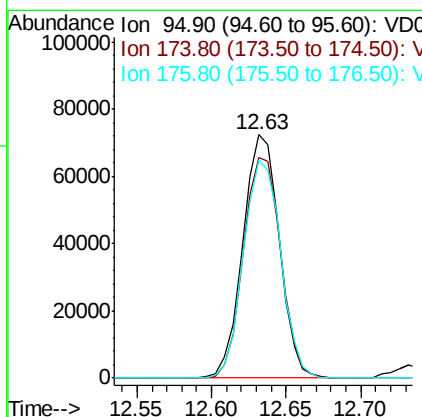
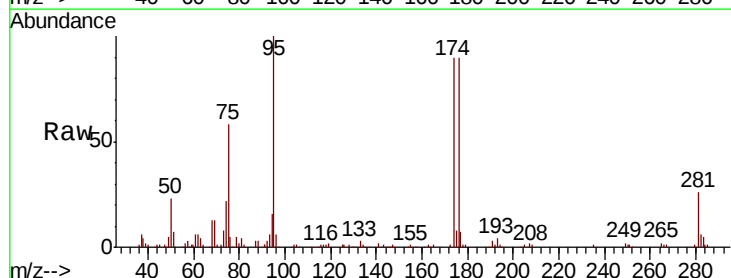
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

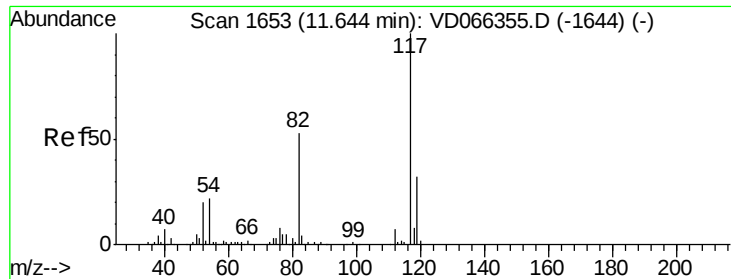
Tot Ion:107 Resp: 23119
 Ion Ratio Lower Upper
 107 100
 109 96.0 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 57.943 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

Tgt Ion: 95 Resp: 122131
 Ion Ratio Lower Upper
 95 100
 174 92.8 0.0 183.4
 176 92.0 0.0 173.8

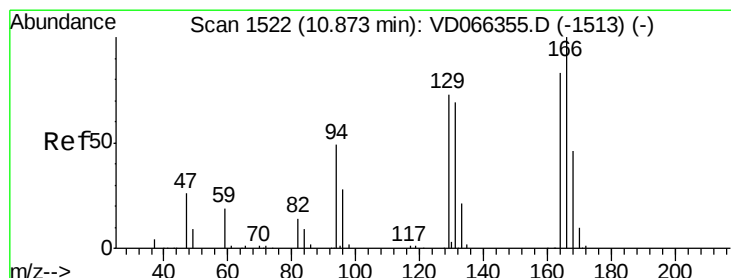
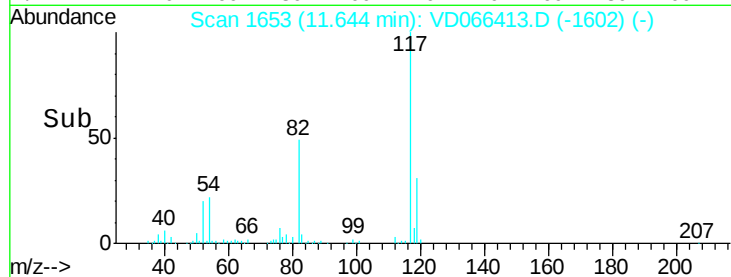
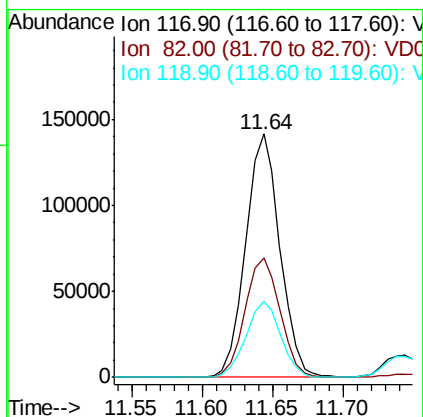
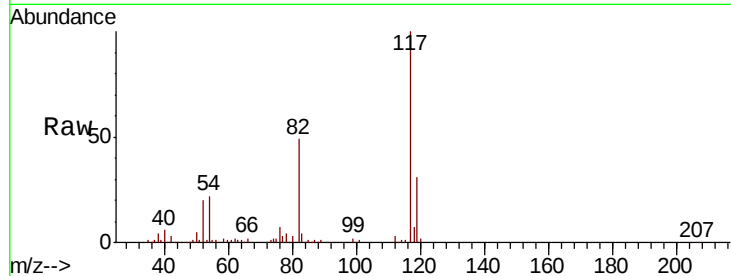




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

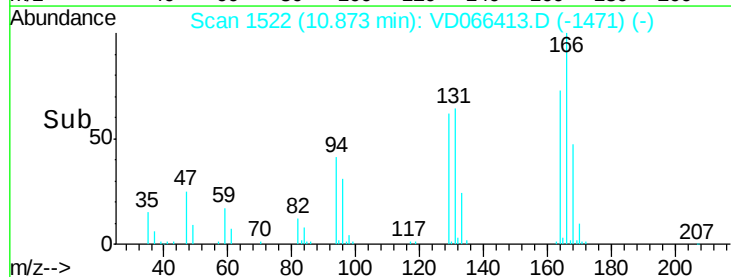
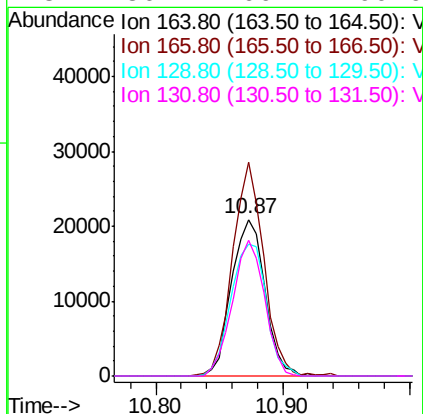
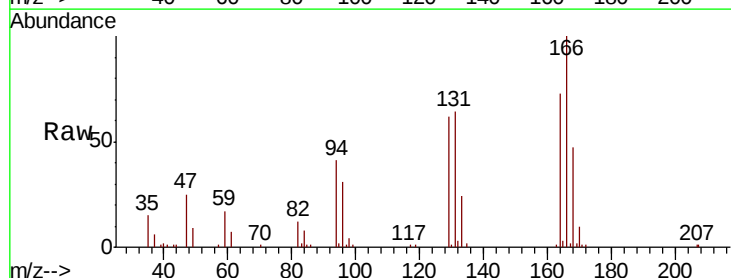
Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

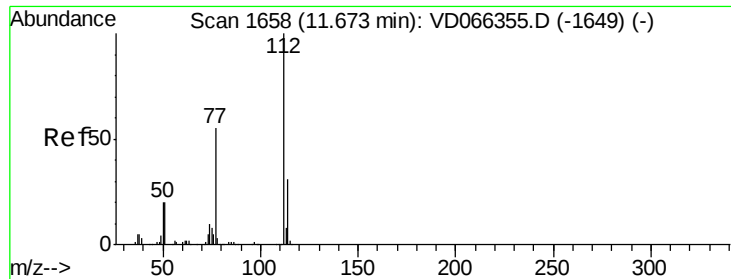
Tot Ion:117 Resp: 241077
Ion Ratio Lower Upper
117 100
82 49.1 42.8 64.2
119 31.3 25.8 38.8



#64
Tetrachloroethene
Concen: 20.861 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

Tgt Ion:164 Resp: 38150
Ion Ratio Lower Upper
164 100
166 136.3 96.2 144.4
129 84.0 70.3 105.5
131 86.7 66.4 99.6

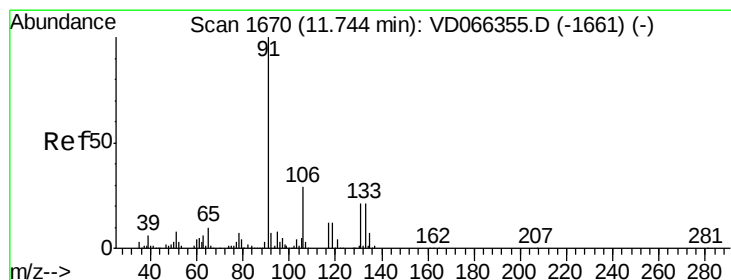
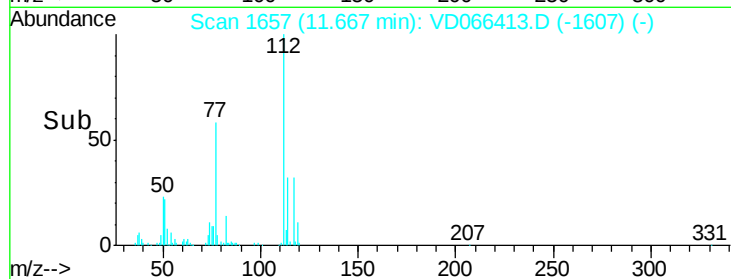
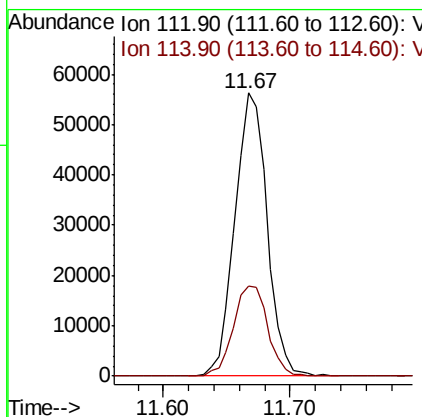
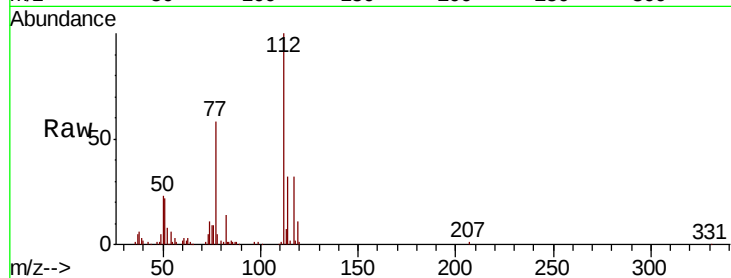




#65
Chlorobenzene
Concen: 20.635 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

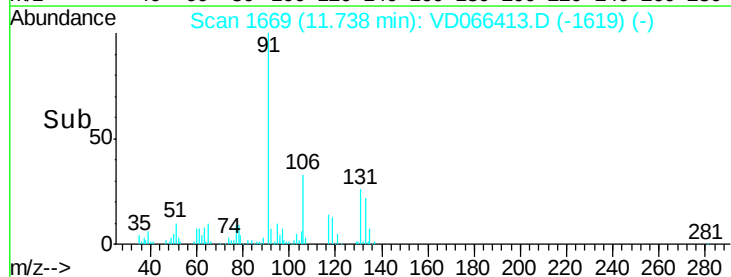
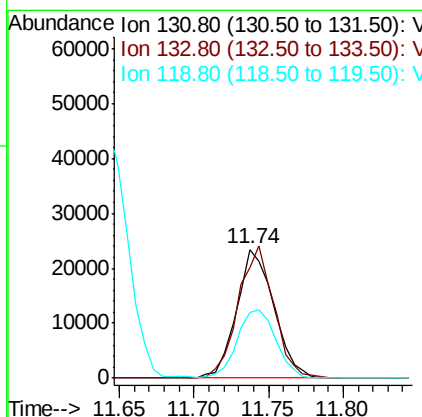
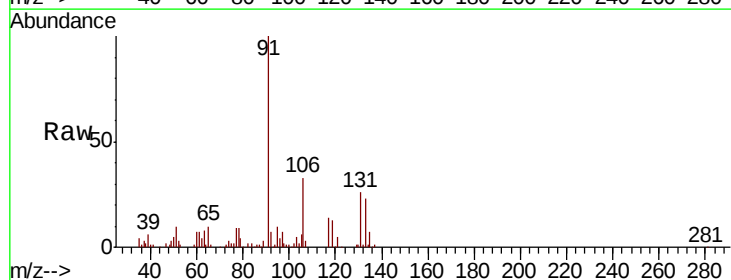
Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

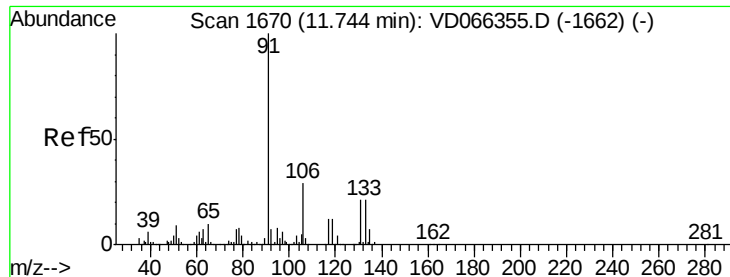
Tot Ion:112 Resp: 98969
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.654 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

Tgt Ion:131 Resp: 40484
Ion Ratio Lower Upper
131 100
133 98.6 48.6 145.9
119 55.7 29.0 87.1

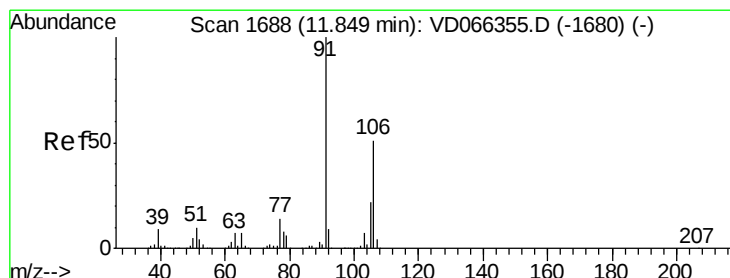
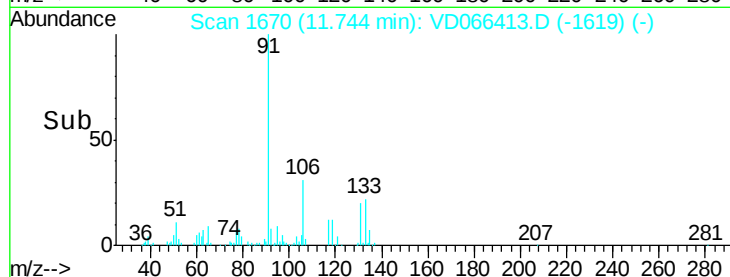
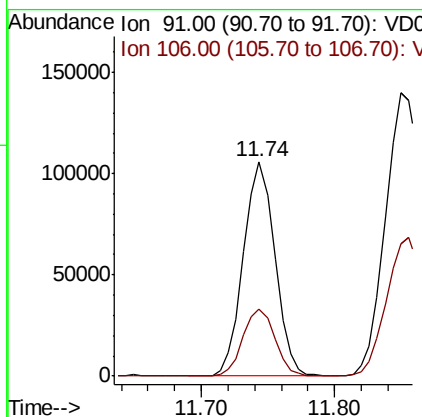
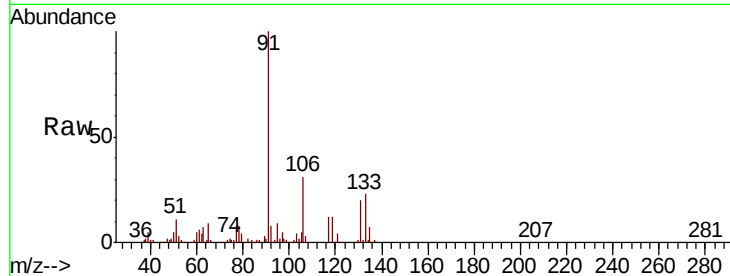




#67
Ethyl Benzene
Concen: 20.594 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

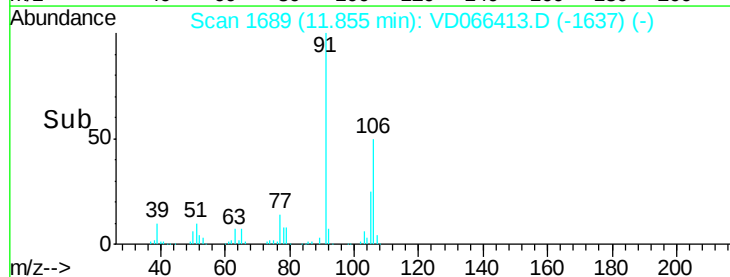
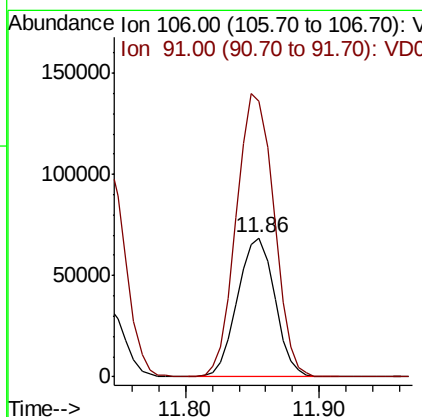
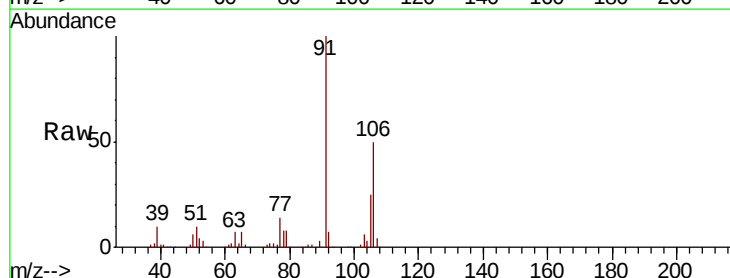
Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

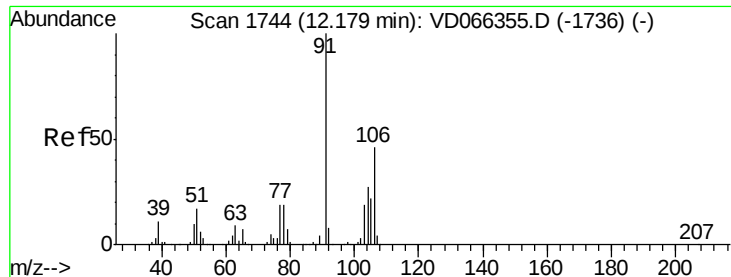
Tot Ion: 91 Resp: 173868
Ion Ratio Lower Upper
91 100
106 31.3 23.4 35.2



#68
m/p-Xylenes
Concen: 41.403 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

Tgt Ion: 106 Resp: 133233
Ion Ratio Lower Upper
106 100
91 205.9 160.7 241.1

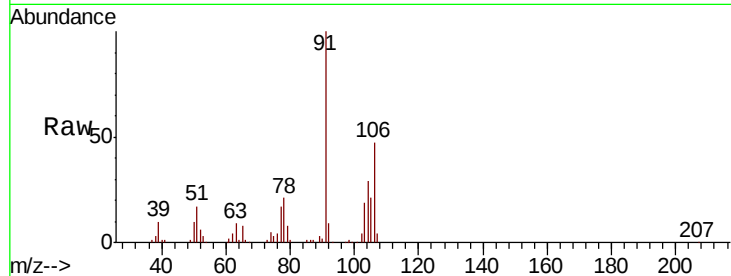




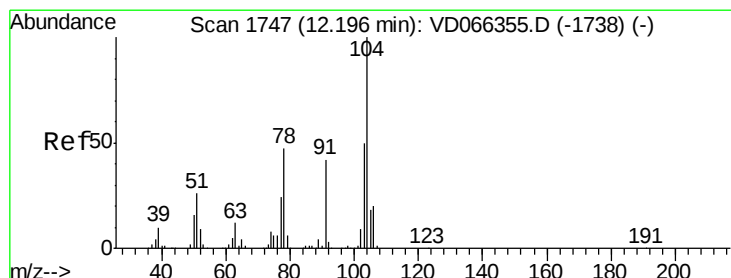
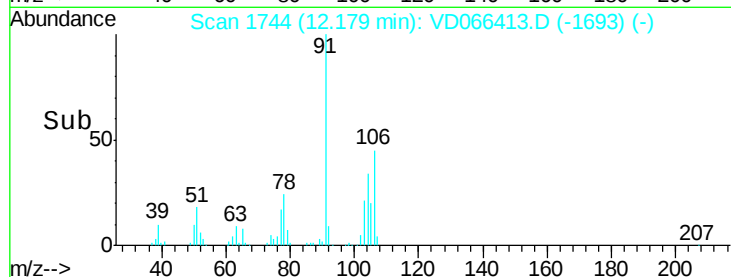
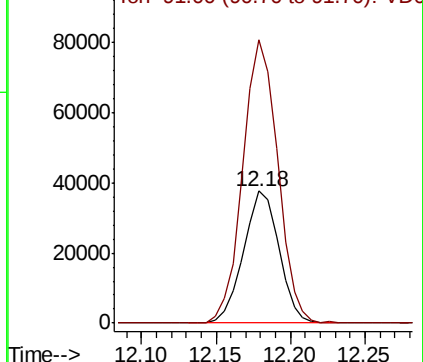
#69
o-Xylene
Concen: 20.774 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Tot Ion:106 Resp: 62189
Ion Ratio Lower Upper
106 100
91 211.2 109.1 327.3

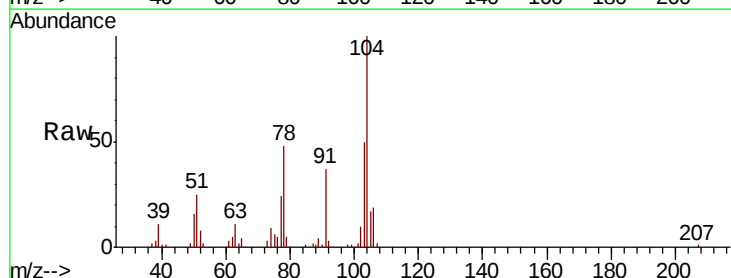


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

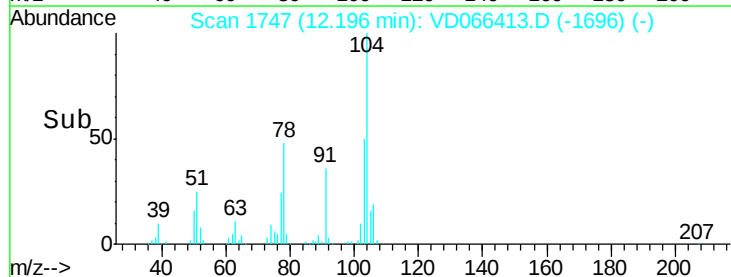
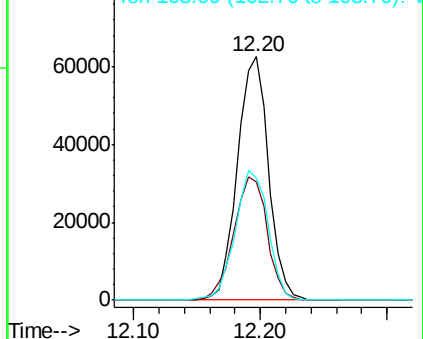


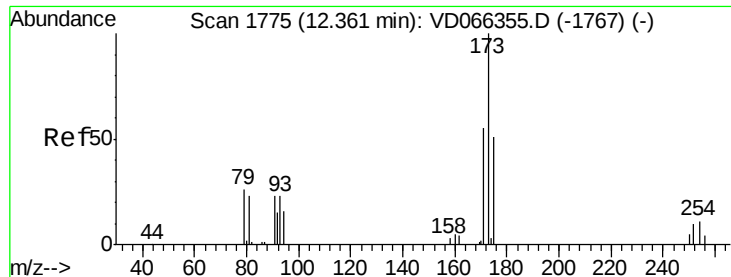
#70
Styrene
Concen: 20.721 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

Tgt Ion:104 Resp: 106509
Ion Ratio Lower Upper
104 100
78 54.5 41.7 62.5
103 56.3 43.5 65.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

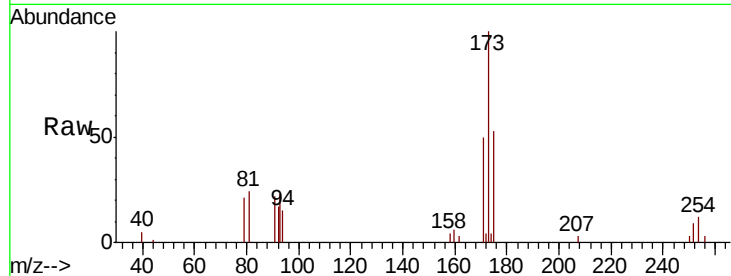




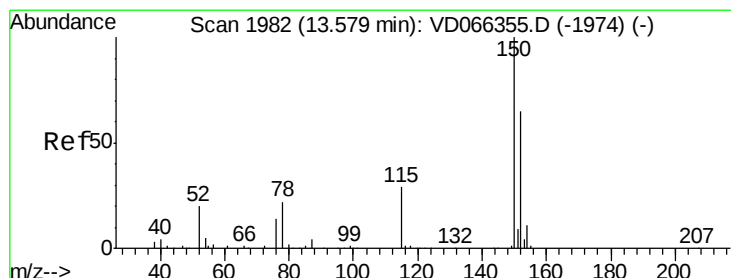
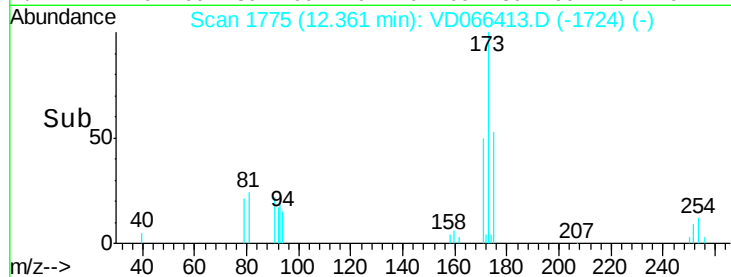
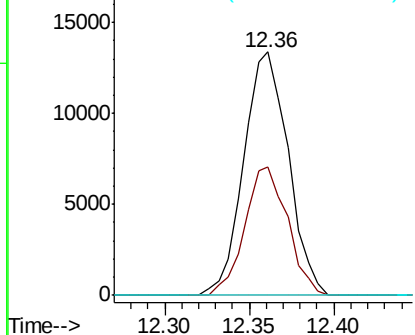
#71
Bromoform
Concen: 21.965 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Tot Ion:173 Resp: 24426
Ion Ratio Lower Upper
173 100
175 50.6 24.8 74.3
254 0.0 0.0 0.0

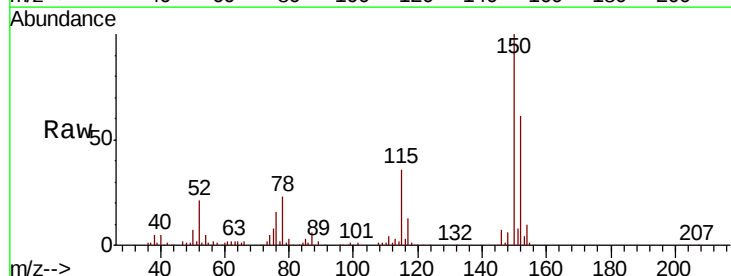


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

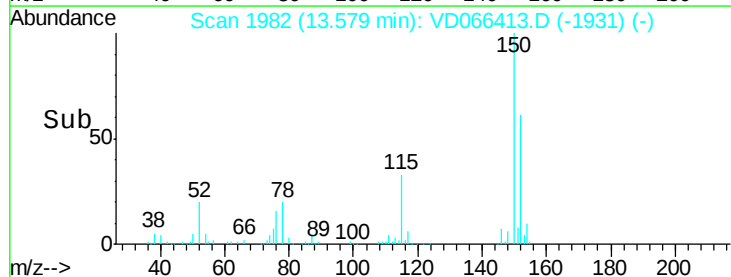
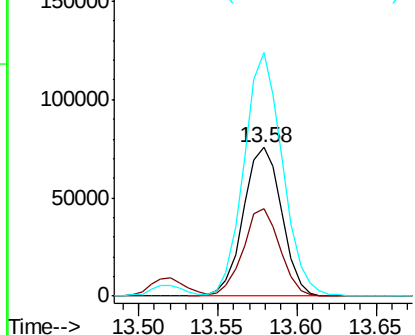


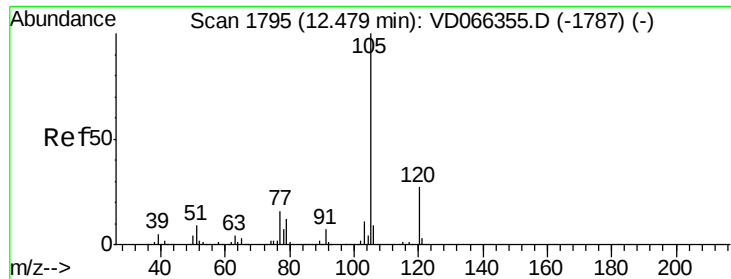
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

Tgt Ion:152 Resp: 126935
Ion Ratio Lower Upper
152 100
115 56.5 28.3 85.0
150 164.4 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.848 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

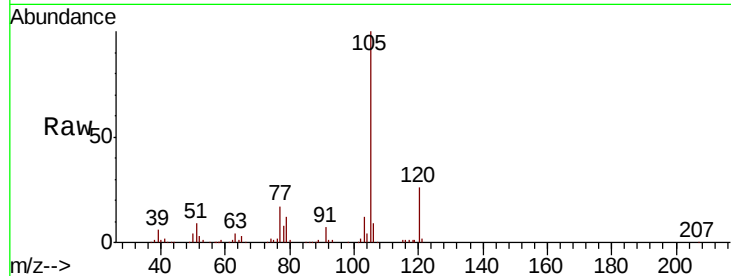
VD0826SBS01

Tot Ion:105 Resp: 177281

Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

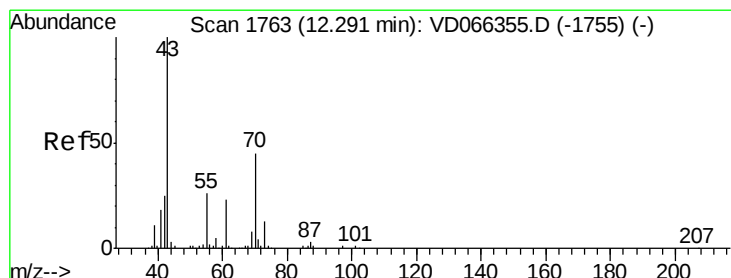
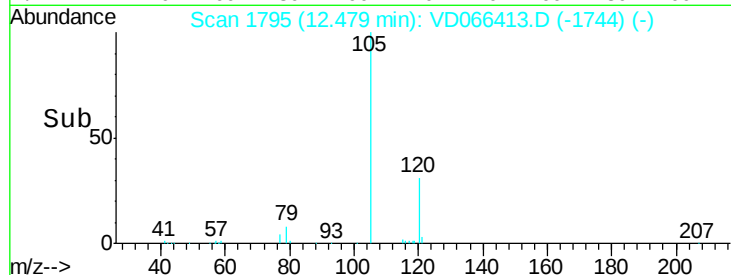
40000

20000

0

Time--> 12.40 12.45 12.50 12.55

12.48



#74

N-ethyl acetate

Concen: 19.523 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Tgt Ion: 43 Resp: 29984

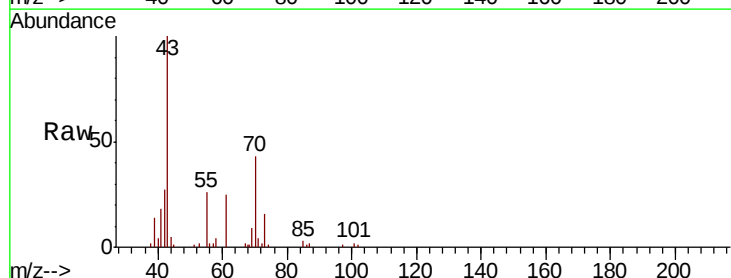
Ion Ratio Lower Upper

43 100

70 45.2 34.8 52.2

55 25.8 20.3 30.5

61 23.7 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

30000

25000

20000

15000

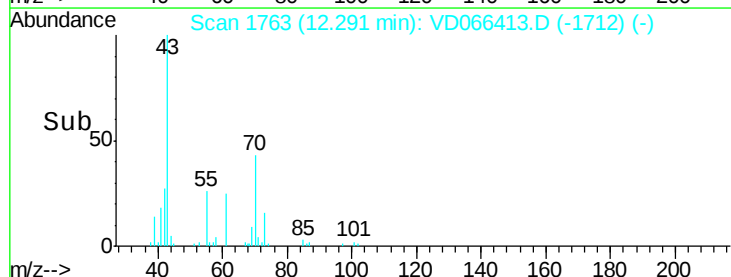
10000

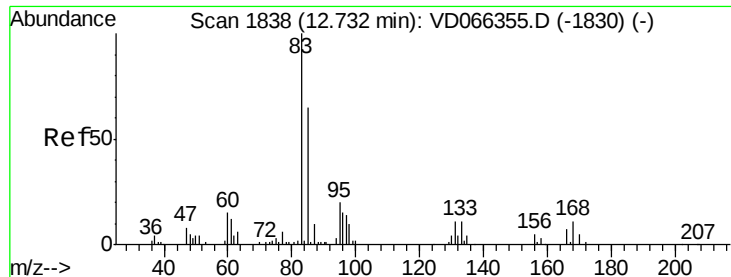
5000

0

Time--> 12.25 12.30 12.35

12.29





#75

1,1,2,2-Tetrachloroethane

Concen: 19.922 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

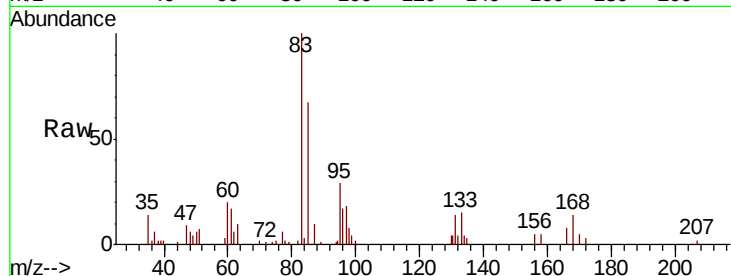
Tot Ion: 83 Resp: 24200

Ion Ratio Lower Upper

83 100

131 14.6 7.0 20.9

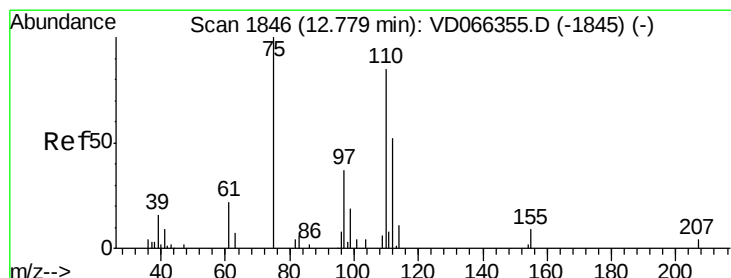
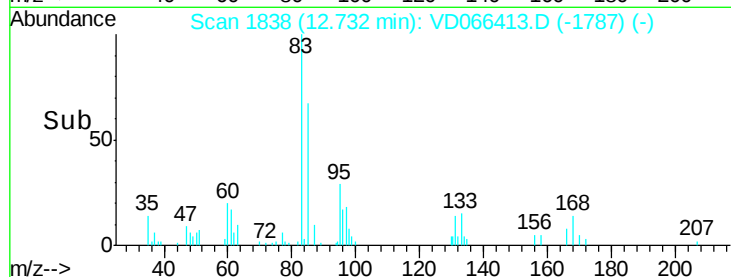
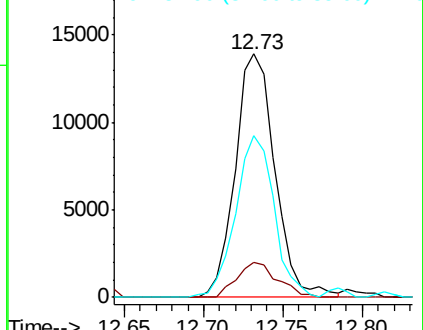
85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 40.688 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066413.D

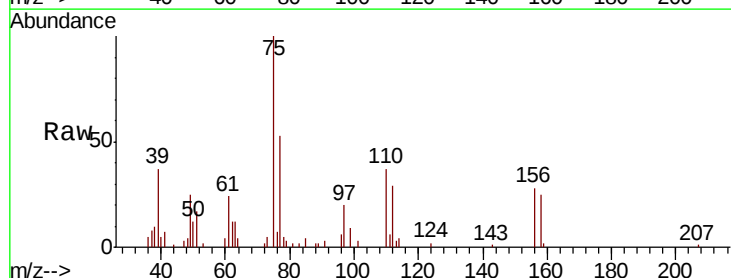
Acq: 26 Aug 2020 11:53

Tgt Ion: 75 Resp: 36334

Ion Ratio Lower Upper

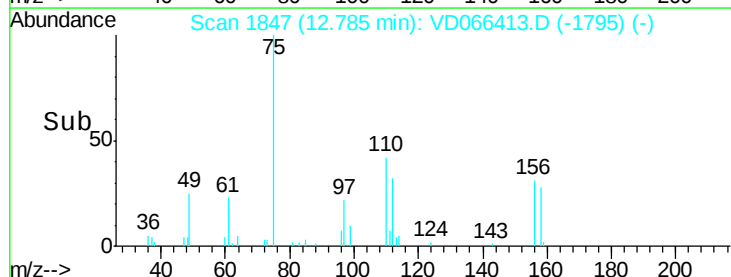
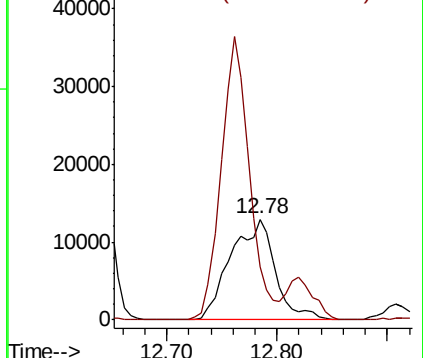
75 100

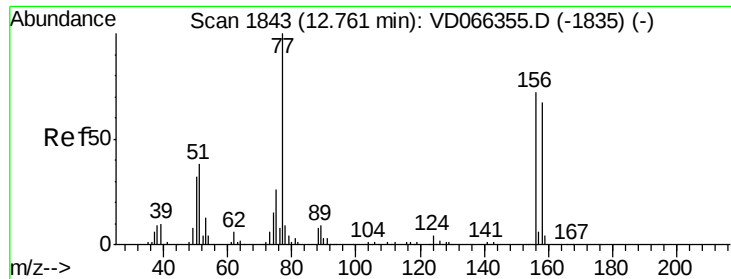
77 0.0 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.700 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

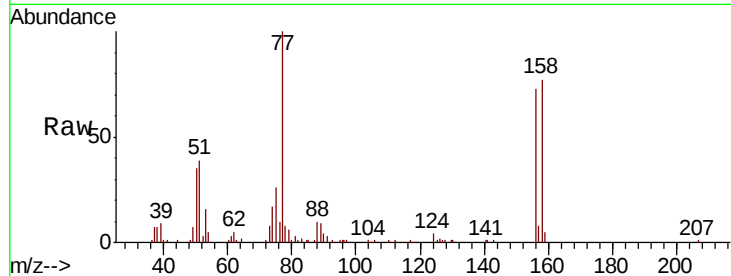
Tot Ion:156 Resp: 44675

Ion Ratio Lower Upper

156 100

77 146.7 76.1 228.3

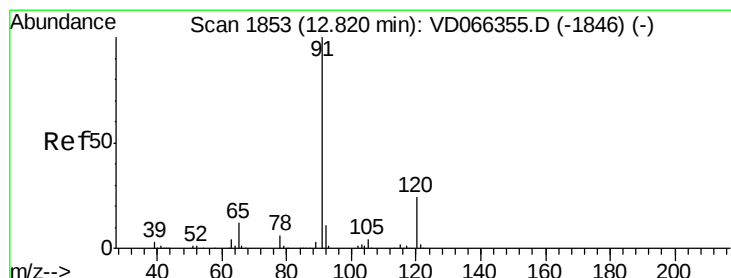
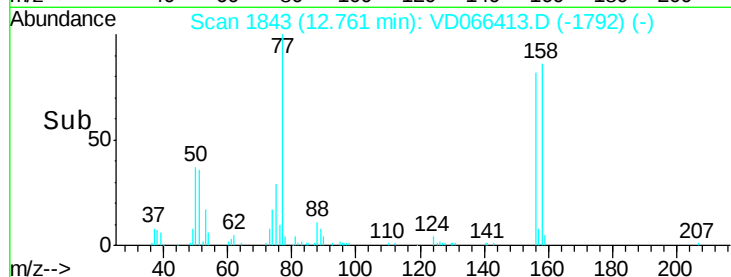
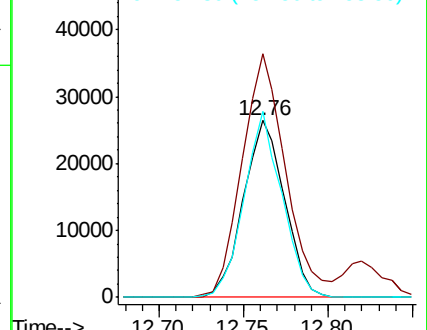
158 97.1 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.439 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066413.D

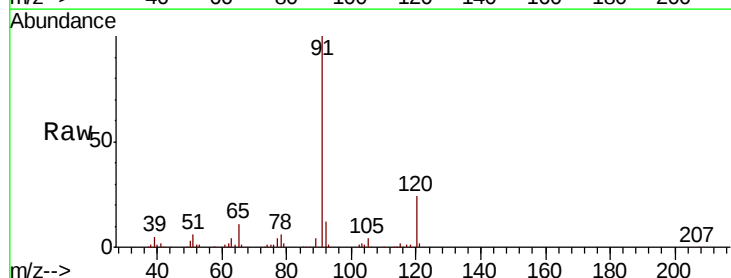
Acq: 26 Aug 2020 11:53

Tgt Ion: 91 Resp: 199277

Ion Ratio Lower Upper

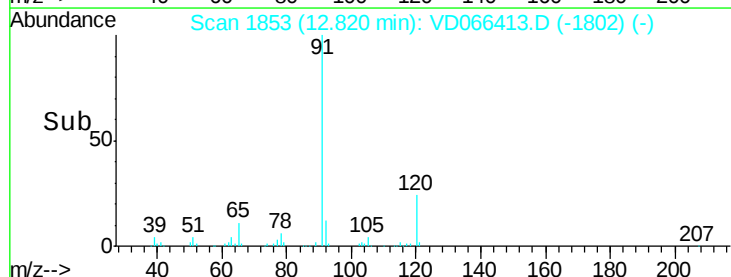
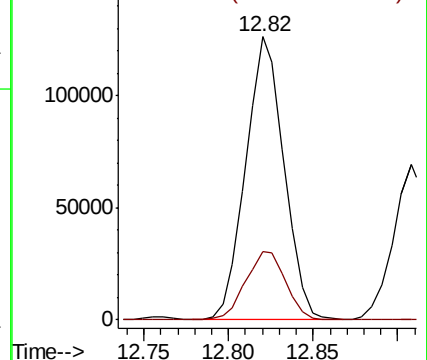
91 100

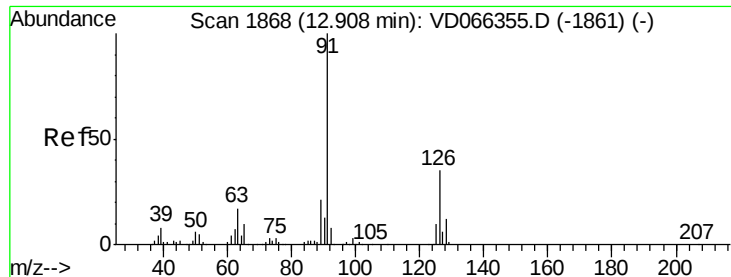
120 25.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

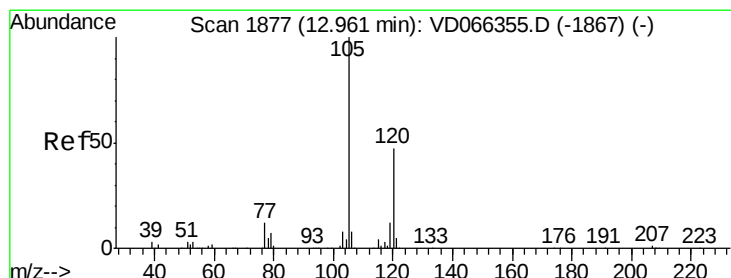
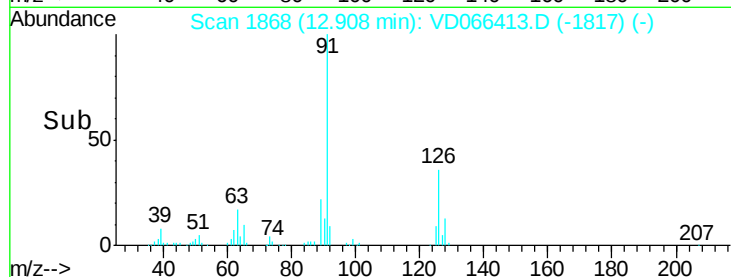
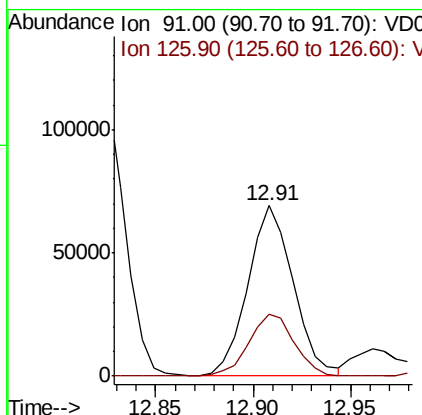
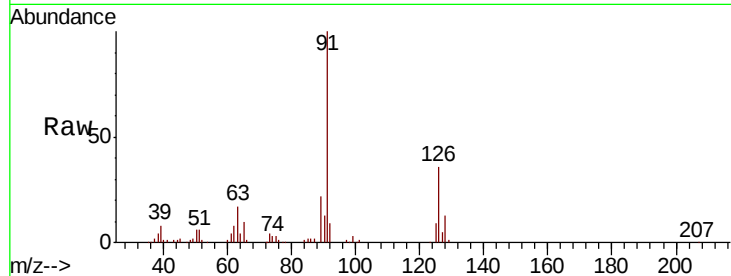




#79
 2-Chlorotoluene
 Concen: 20.077 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

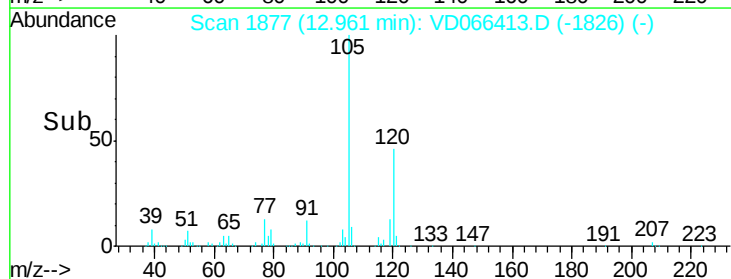
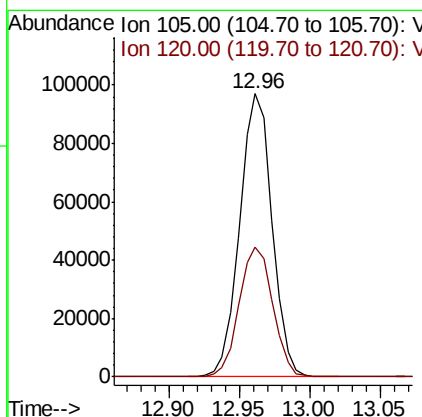
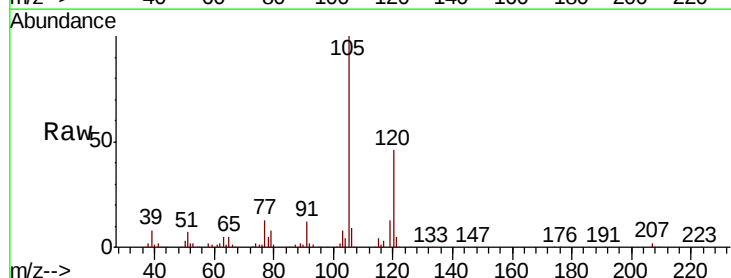
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

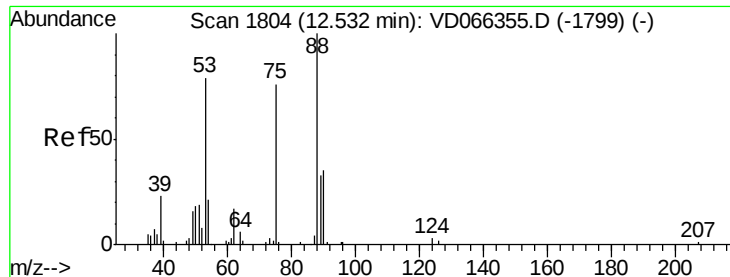
Tot Ion: 91 Resp: 111799
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.128 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

Tgt Ion: 105 Resp: 155120
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 21.051 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

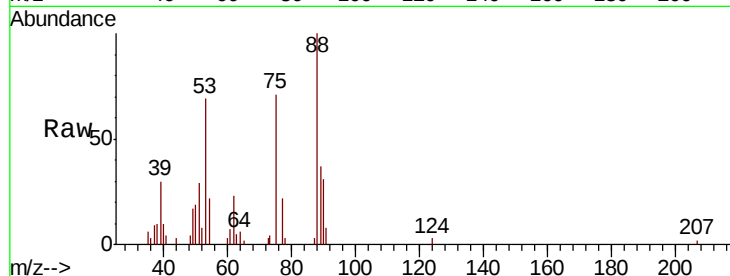
Tot Ion: 75 Resp: 8856

Ion Ratio Lower Upper

75 100

53 95.3 87.4 131.2

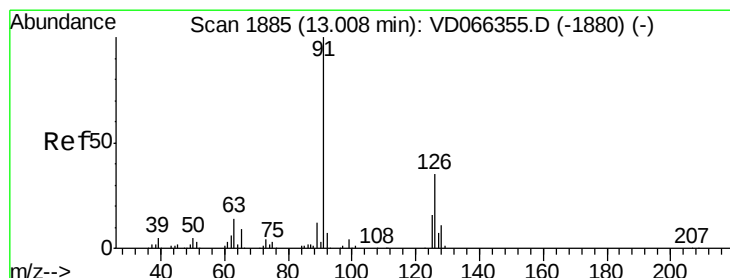
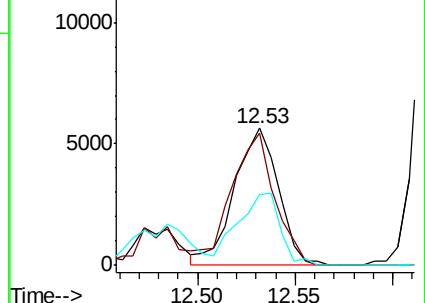
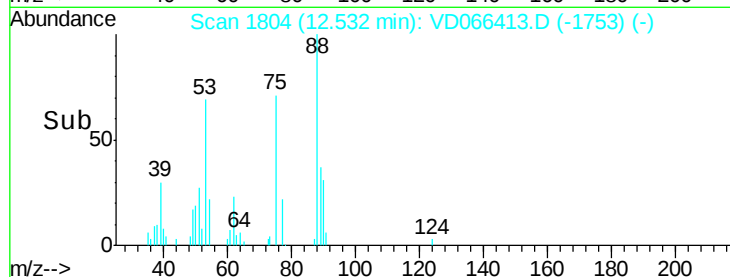
89 50.4 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 20.257 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066413.D

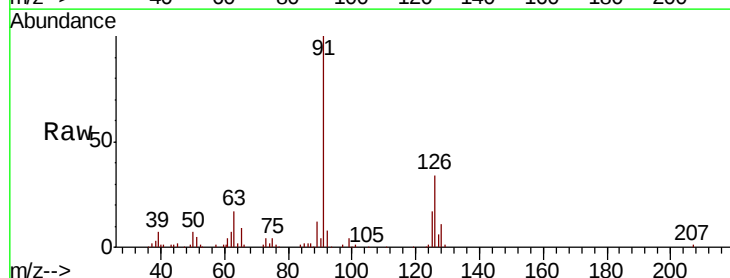
Acq: 26 Aug 2020 11:53

Tgt Ion: 91 Resp: 119509

Ion Ratio Lower Upper

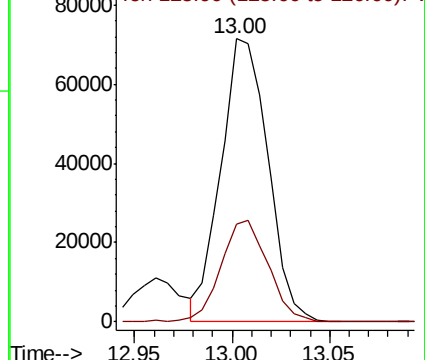
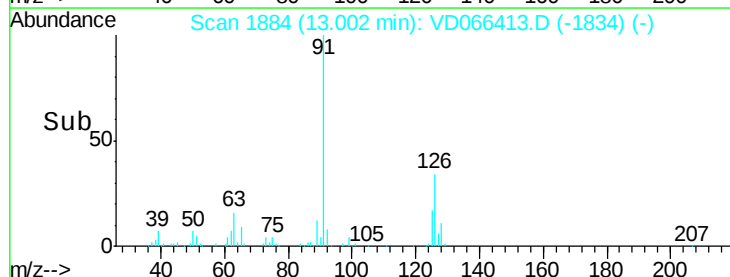
91 100

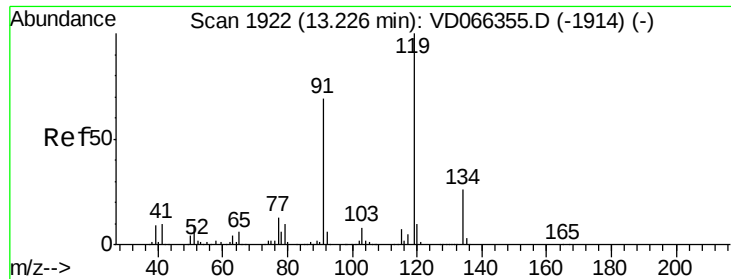
126 35.9 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

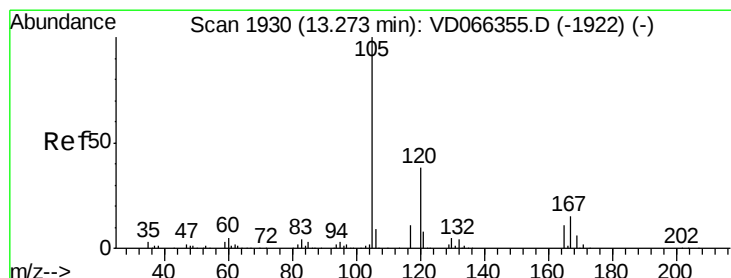
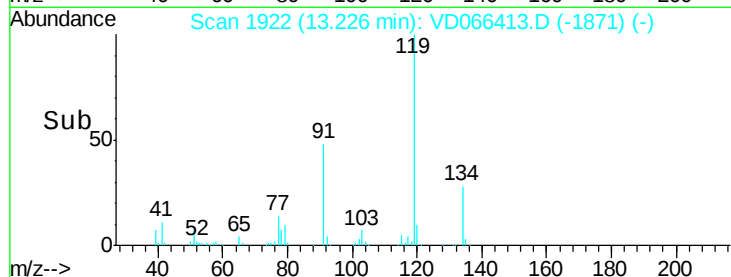
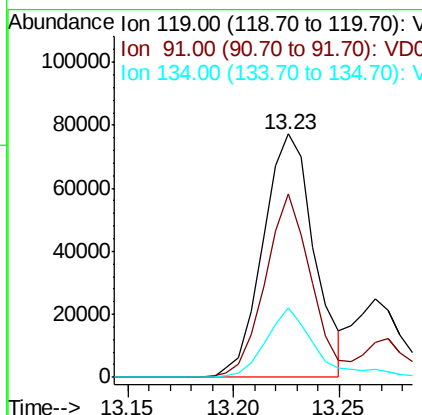
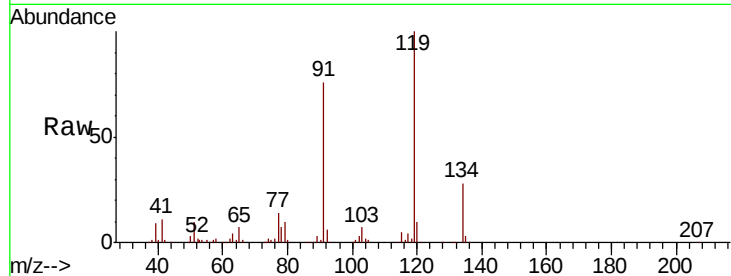




#83
 tert-Butylbenzene
 Concen: 20.368 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

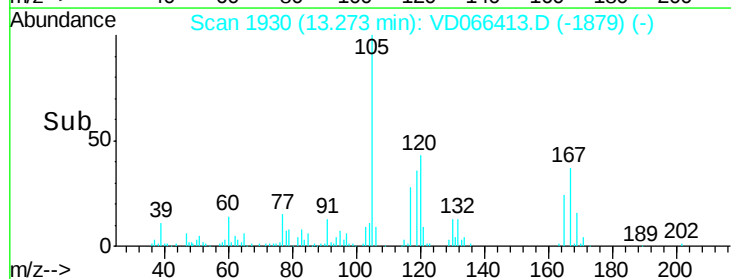
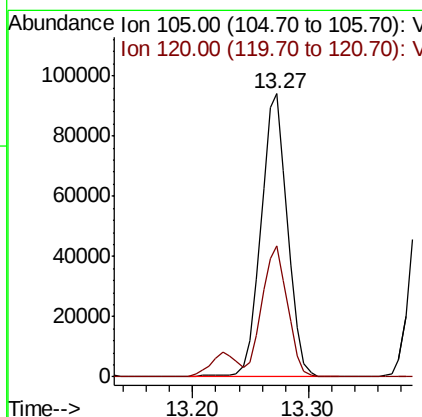
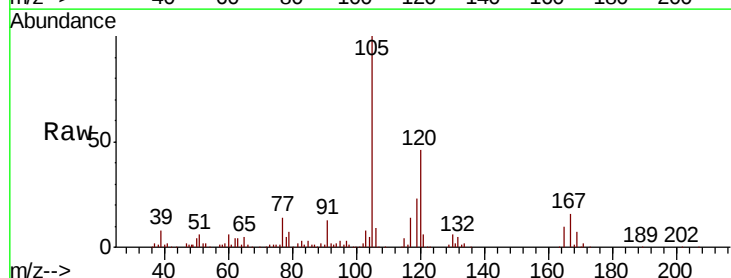
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

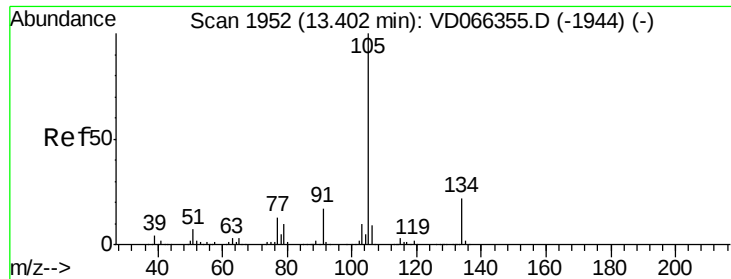
Tot Ion:119 Resp: 129885
 Ion Ratio Lower Upper
 119 100
 91 68.5 33.5 100.5
 134 27.8 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.888 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

Tgt Ion:105 Resp: 150627
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.6 67.7





#85

sec-Butylbenzene

Concen: 20.464 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

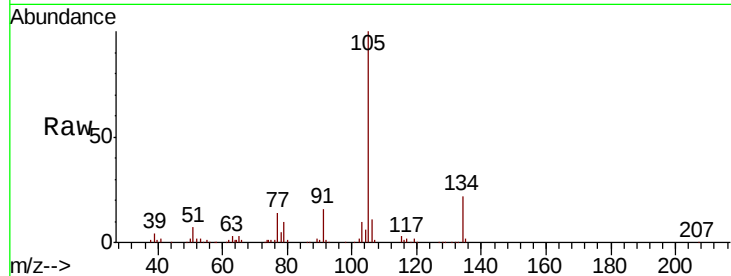
VD0826SBS01

Tot Ion:105 Resp: 170982

Ion Ratio Lower Upper

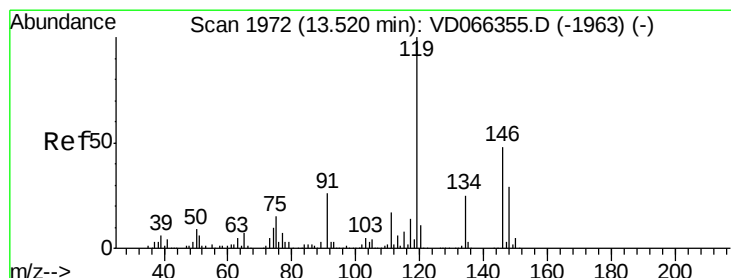
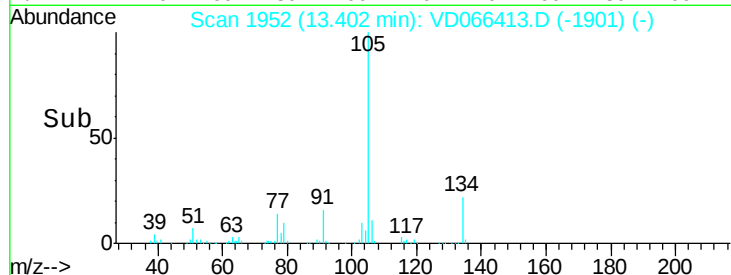
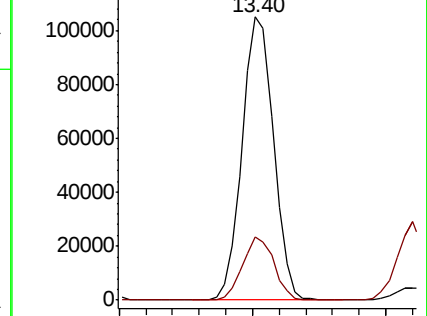
105 100

134 22.1 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.125 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066413.D

Acq: 26 Aug 2020 11:53

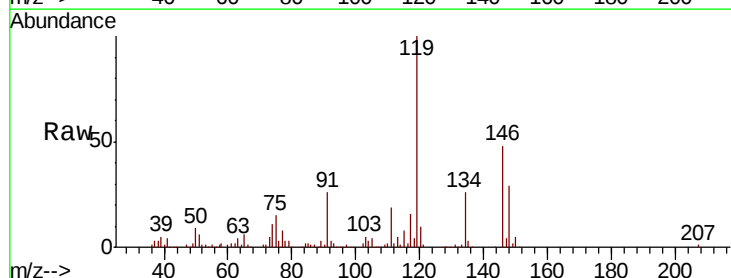
Tgt Ion:119 Resp: 170190

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.3

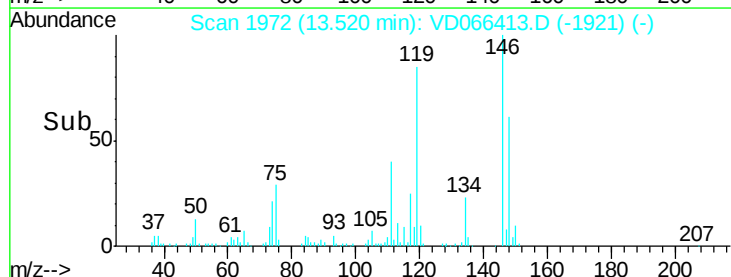
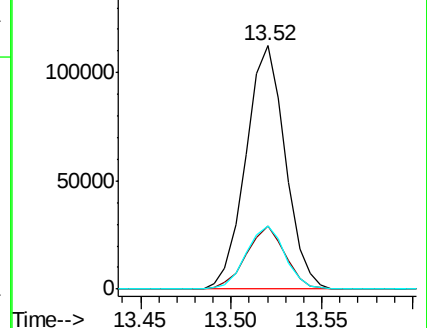
91 25.7 12.7 38.0

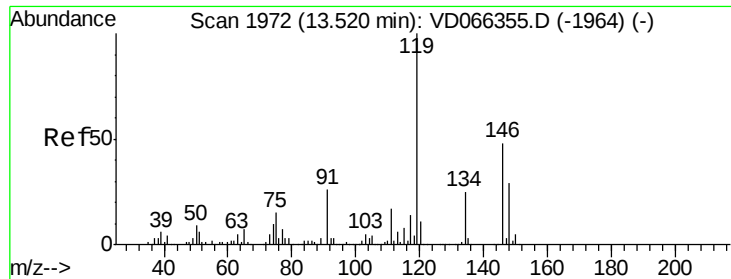


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

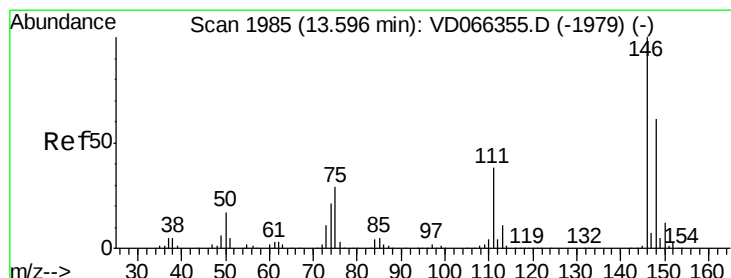
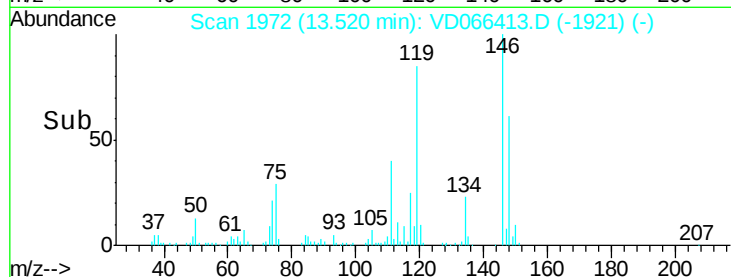
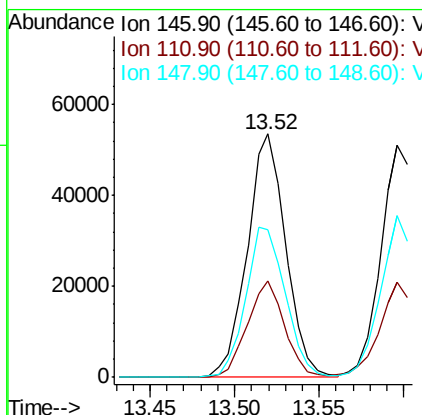
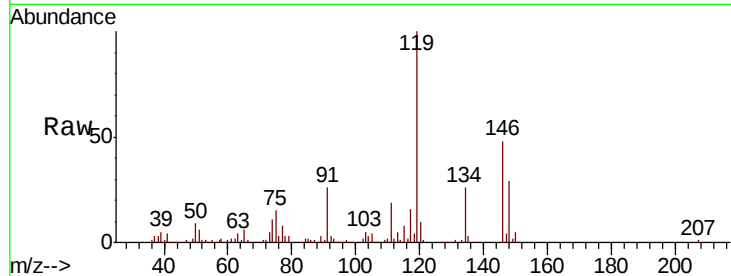




#87
 1,3-Dichlorobenzene
 Concen: 21.054 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

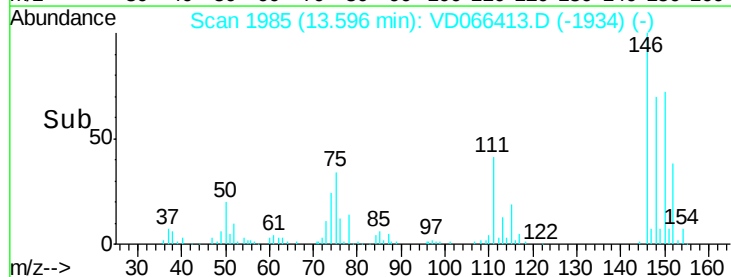
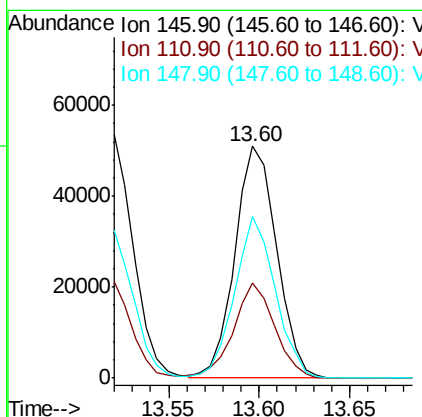
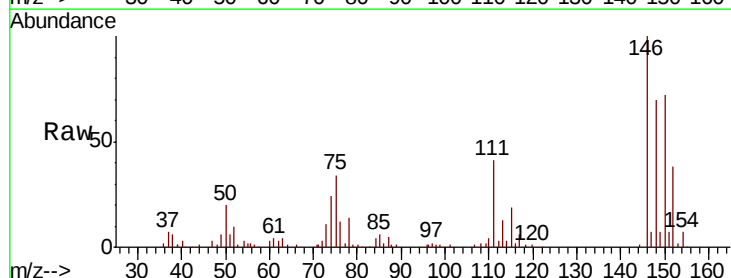
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

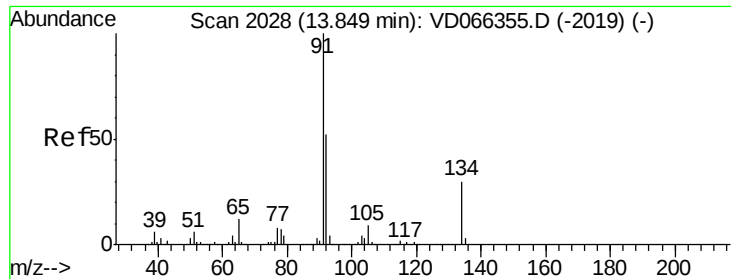
Tot Ion:146 Resp: 84820
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.9 56.9
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.260 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

Tgt Ion:146 Resp: 81953
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.1 57.5
 148 67.9 32.1 96.3

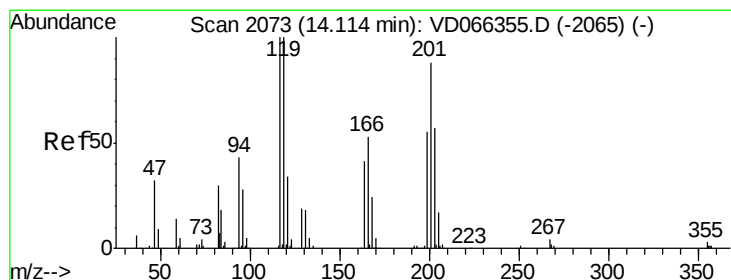
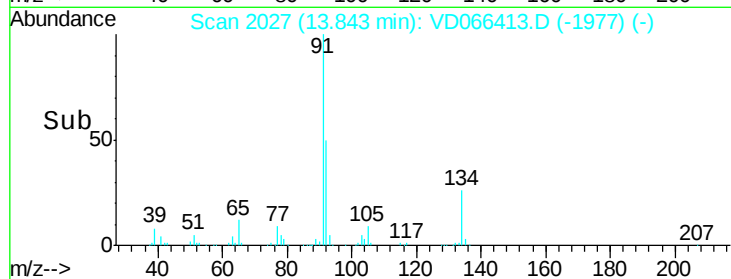
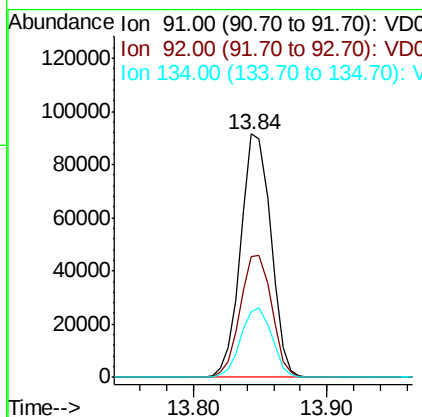
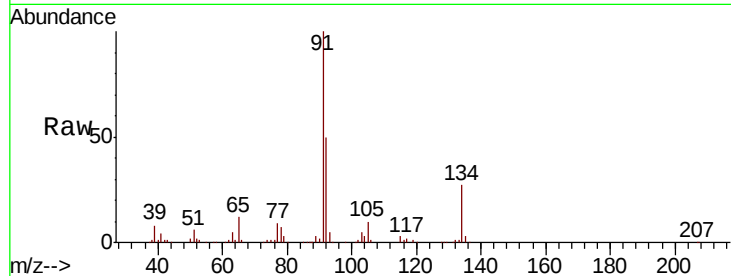




#89
n-Butylbenzene
Concen: 20.136 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

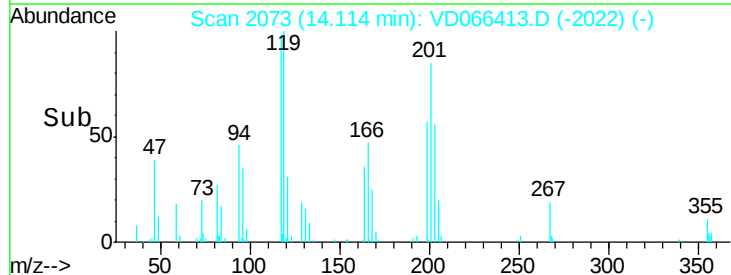
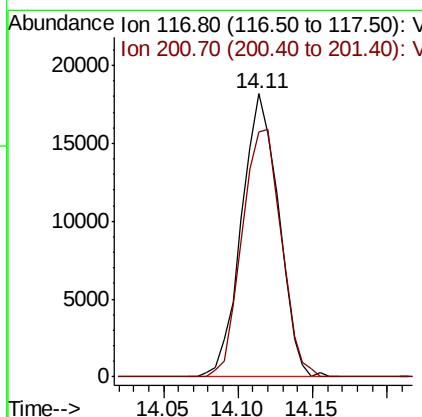
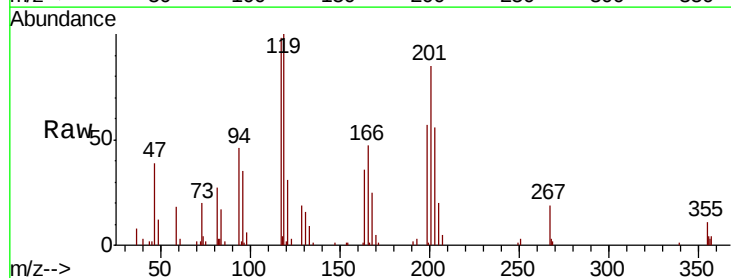
Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

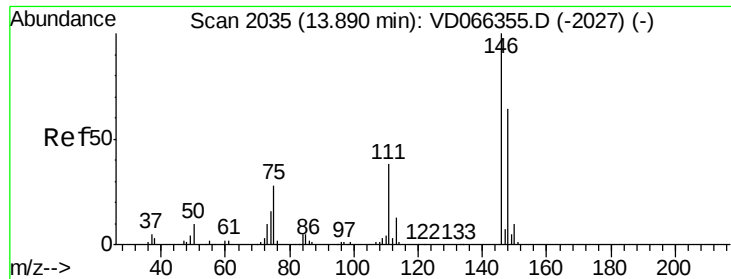
Tot Ion: 91 Resp: 143153
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 29.3 14.4 43.4



#90
Hexachloroethane
Concen: 19.699 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

Tgt Ion: 117 Resp: 31350
Ion Ratio Lower Upper
117 100
201 92.3 45.4 136.2

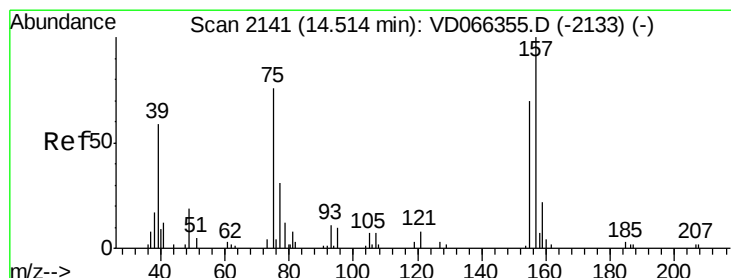
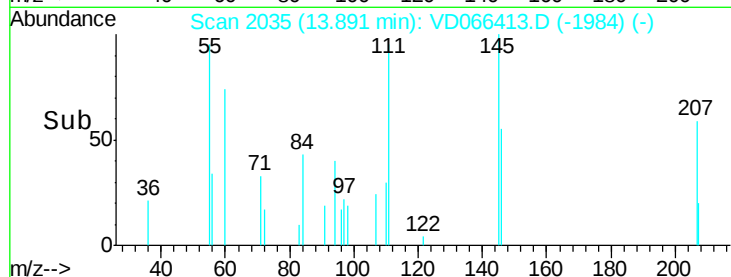
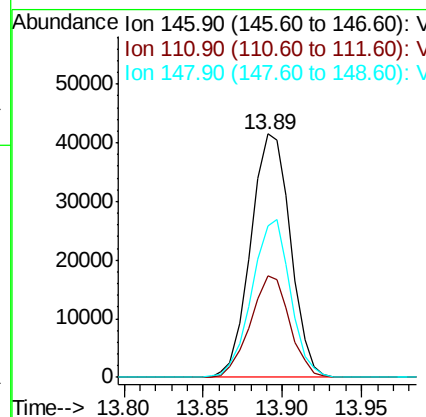
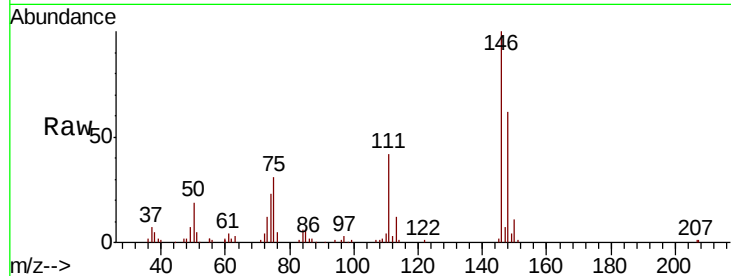




#91
 1,2-Dichlorobenzene
 Concen: 20.873 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

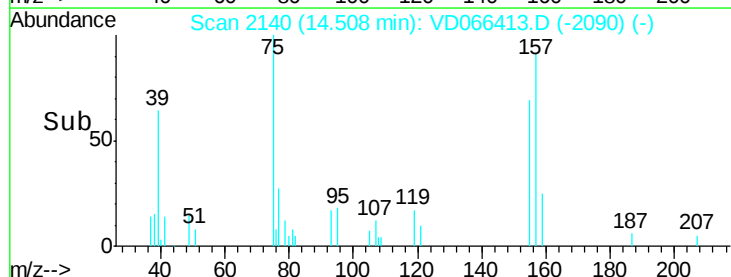
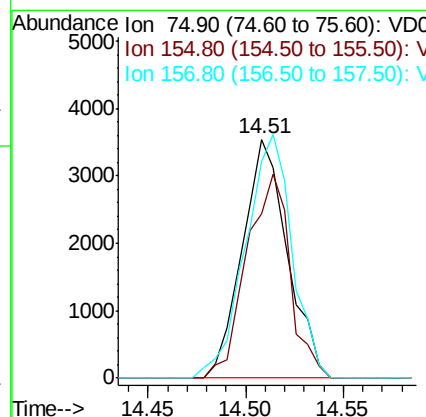
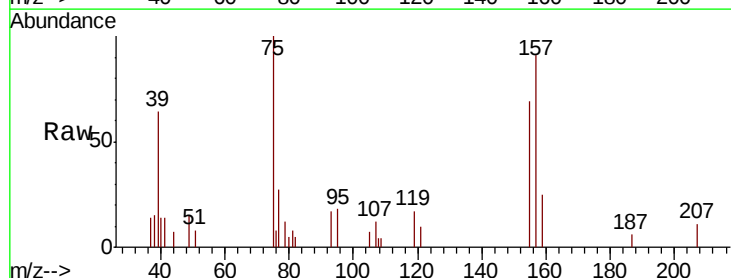
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

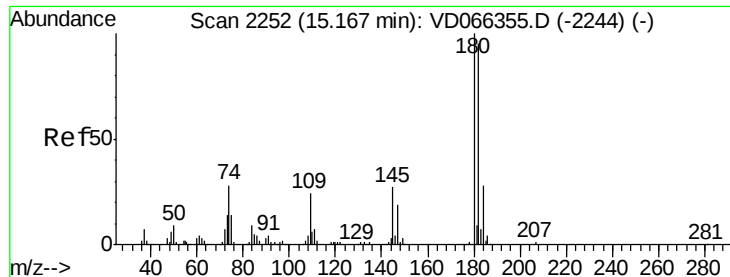
Tot Ion:146 Resp: 72392
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.9 59.7
 148 62.8 32.6 97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.263 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

Tgt Ion: 75 Resp: 5672
 Ion Ratio Lower Upper
 75 100
 155 82.1 46.9 140.6
 157 105.4 61.0 183.0

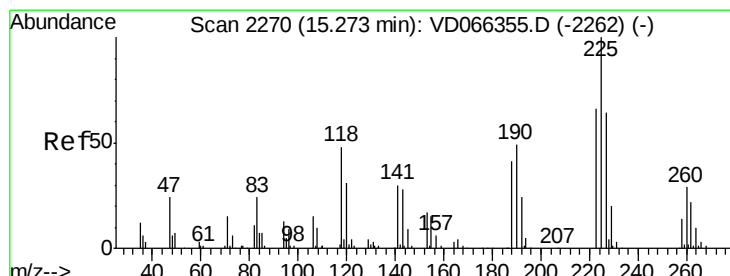
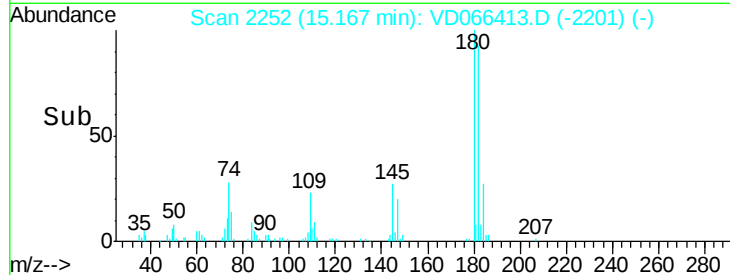
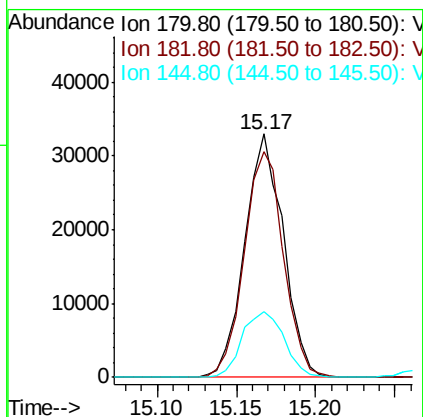
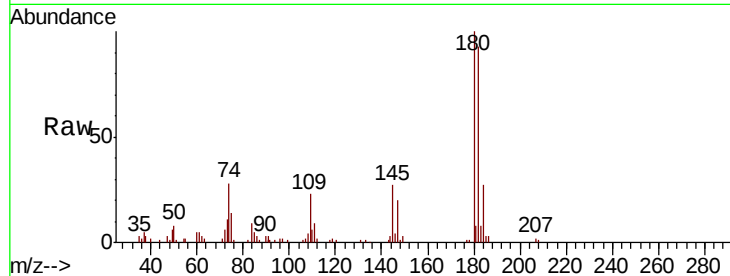




#93
 1,2,4-Trichlorobenzene
 Concen: 20.580 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

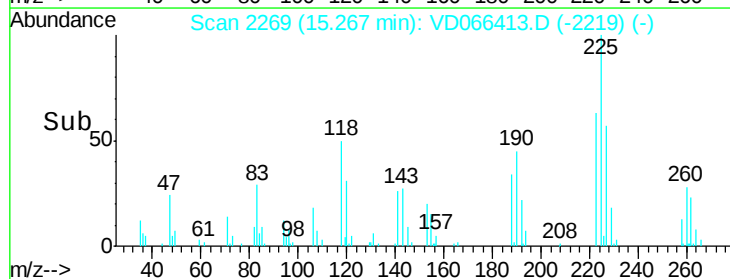
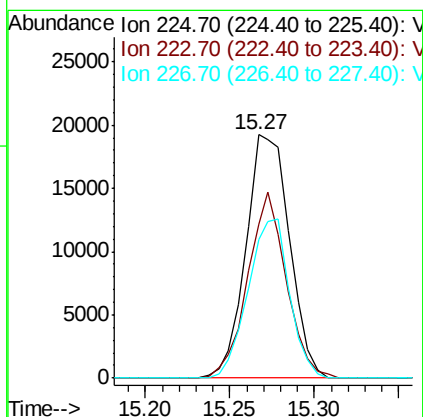
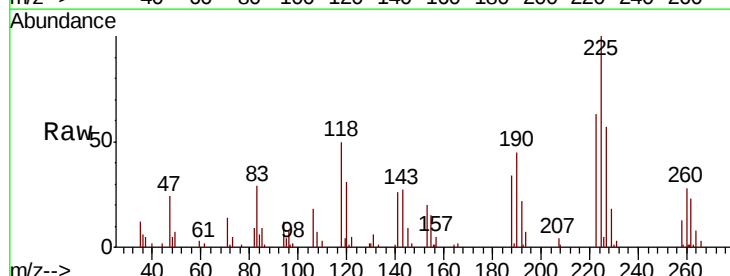
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

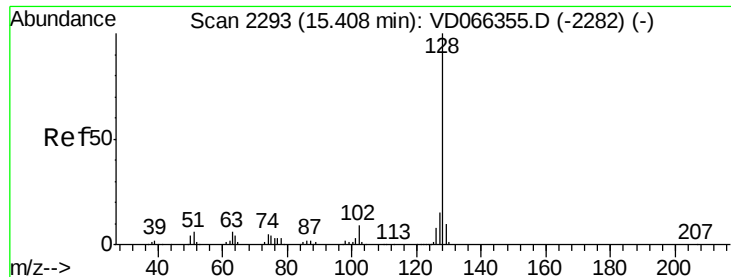
Tot Ion:180 Resp: 55723
 Ion Ratio Lower Upper
 180 100
 182 94.2 48.0 144.0
 145 29.4 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 20.524 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066413.D
 Acq: 26 Aug 2020 11:53

Tgt Ion:225 Resp: 34534
 Ion Ratio Lower Upper
 225 100
 223 67.8 32.5 97.4
 227 62.0 33.0 98.9

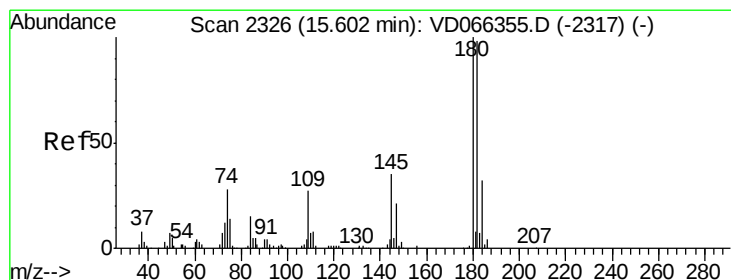
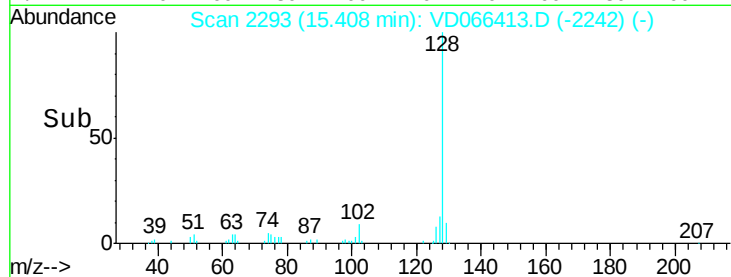
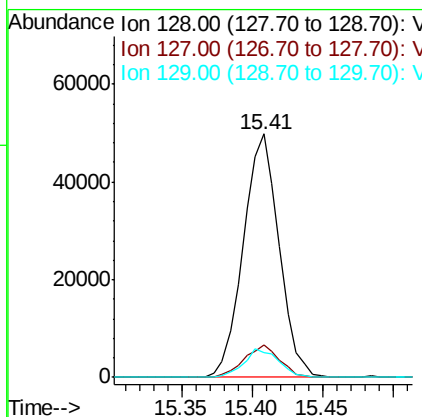
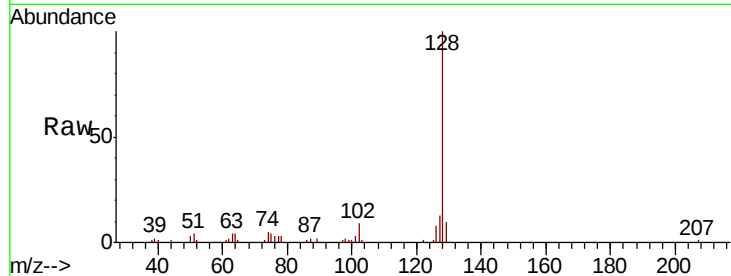




#95
Naphthalene
Concen: 20.809 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Tot Ion:128 Resp: 88491
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 11.4 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.597 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066413.D
Acq: 26 Aug 2020 11:53

Tgt Ion:180 Resp: 47772
Ion Ratio Lower Upper
180 100
182 95.7 46.7 140.0
145 33.1 16.0 48.0

